List of Pages and Lines Exempt from Disclosure

Task Ord	Task Order 16 – Task Order and Modifications							
Modification 0001	Unit Prices	Delete the values associated						
Modification 0003	Fixed Fee Amounts	with the Unit Price						
Modification 0005		amounts. These deletions						
Modification 0006		are essential to prevent a						
		competitor from obtaining						
		access to SAIC confidential						
		financial information						
		critical to our proposal						
		effort. Release of this data						
·		could give a competitor an						
		unfair advantage in future						
		procurements by allowing						
		them to underbid SAIC.						

Task Order 16 - Cost Proposal							
(1) CONWxB – Revised, Pages 1-5 (2) CONWxB, Pages 1-3 (3) WAMDAS-Mod 1, Pages 1-3	All lines	Delete the values associated with the price, total contract amounts, pricing rates, hours, estimated costs and fixed fee amounts. These deletions are essential to					
	a .	prevent a competitor from obtaining access to SAIC confidential financial information critical to our proposal effort. Release of this data could give a competitor an unfair advantage in future procurements by allowing them to underbid SAIC.					

Task Order 16 - Task Management Plan						
TMP-16, V4		These pages describe				
Page 2	Lines 1-11, 21-28, 36-39	SAIC's technical approach				
Page 3	Lines 3-13, 23-41	for accomplishing the				
Page 4	Lines 1-2, 10-14	CONWxB Ocean				
Page 5	Lines 12-36	Measurement project SOW.				
Page 6	Lines 24-43	This approach is a result of				

Page 7	Lines 1-2, 14-40	SAIC's own creative
Page 8	All Lines	knowledge and experience
Page 9	Lines 1-26	and is not publicly
Appendix A	All Lines	available. Release of this
Appendix B	All Lines	confidential information
1		would cause substantial
TMP 16-0001 v5	İ	harm to SAIC's competitive
Page 1	Lines 32-43	posture on future
Page 2-4	All Lines	procurements by allowing
Page 6	Lines 4-43	competitors to duplicate this
		technical approach to
		SAIC's detriment.
TMP-16, V4		Delete the names of SAIC
Page 9	Lines 38-39	personnel. Release of the
Page 10	Lines 1-2	names of SAIC personnel
		would allow competitors
TMP 16-0001 v5		the ability to contact these
		personnel for the purpose of
Page 7	Lines 4-7	pirating them away from
		SAIC, thereby harming our
		competitive position.

Task Order	Task Order 16 - Work Breakdown Structure/GANTT								
(1) WBS dated 7/22/05	All Pages (5)	Delete SAIC's estimated							
(2) WBS dated 7/15/05	All Pages (2)	hours for the described							
(3) GANTT dated 7/15/05	All Pages (2)	taskings. This deletion is							
(4) WBS/GANTT dated	All Pages (7)	essential to prevent a							
7/22/05		competitor from obtaining							
		access to SAIC confidential							
		pricing information critical							
		to our proposal effort.							
		Release of this data could							
		give a competitor an unfair							
	·	advantage in future							
		procurements by allowing							
		them to underbid SAIC.							
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	0	RDER FOR SUPPLI	ES OR SE	ERVICE	S		PAGE	OF PAGES
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	ONAL DATA BUO			c. CITY	DING 1100		d. STATE	e. ZIP CODE
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	A BY (Signature)	DI SKINC X	110/65		OTHY D. BLACK E CONTRACTING/ORDE	ERING O	228-688-	2582
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revious edition	, ,	JUSTICIA						R 48-CFR 53.213(e)
evious editiol							-	, ,

2 4 IMPORTANT: Mark all packages and papers with contract and/or order numbers. ORDER NO. CONTRACT NO. (if any) BATE OF ORDER 0016 OA133005CQ1035 28 Jul 2005 AMOUNT QTY UNIT PRICE QUANTITY ÜNIT SUPPLIES OR SERVICES ITEM NO. ACCEPT. ORDERED (e) (d) (b) (a) (g) (c) 169,535.24 169,535.24 JB TASK ORDER 05-TOS-16 CONWxB -0001 AUGMENT SELECT MON STATIONS WITH OCEAN MEASUREMENTS Provide all labor and materials to accomplish the augmentation of selected MON stations with ocean measurements in accordance with the Task Management Plan (TMP). The Performance Period for this Task Order is 07/01/05-06/30/06. FFP Accounting and Appropriation Data: 14.05.C2KC4BCPW734010704012.200600009 5000000.25130000 \$ 169,535.24 349,119.66 349,119.66 JB TASK ORDER 05-TOS-16 CONWxB -1 0002 AUGMENT SELECT MON STATIONS WITH OCEAN MEASUREMENTS Provide all labor and materials to accomplish the augmentation of selected MON stations with ocean measurements in accordance with the Task Management Plan (TMP). The Performance Period for this Task Order is 07/01/06-06/30/07. FFP Accounting and Appropriation Data: 14.05.C2KC4BCPW734010704012.200600009 5000000.25130000 \$ 349,119.66 OPTIONAL FORM 348 (10-83) 50348-101 ISN 75401-01-152-8082

ORDER FOR SUPPLIES OR SERVICES - Continuation

PAGE

Prescribed by GSA FAR (48 CGR) 53.213(e)

OF PAGES

3 4 IMPORTANT: Mark all packages and papers with contract and/or order numbers. ORDER NO. CONTRACT NO. (if any) DATE OF ORDER 0016 OA133005CQ1035 28 Jul 2005 UNIT PRICE **AMOUNT** QTY QUANTITY UNIT SUPPLIES OR SERVICES ITEM NO. ACCEPT. (f) ORDERED (d) (e) (b) a) (g) (c) 59,867.48 59,867.48 JВ 1 TASK ORDER 05-TOS-16 CONWxB -0003 AUGMENT SELECT MON STATIONS WITH OCEAN MEASUREMENTS Provide all labor and materials to accomplish the augmentation of selected MON stations with ocean measurements in accordance with the Task Management Plan (TMP). The Performance Period for this Task Order is 07/01/07-09/30/07. **FFP** Accounting and Appropriation Data: 14.05.C2KC4BCPW734010704012.200600009 5000000.25130000 \$ 59,867.48

ORDER FOR SUPPLIES OR SERVICES - Continuation

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AMENDMENT OF SOLICITAT	NON/MODIFICATION	ON OF CONT	RACT	Contract II) Code	Page 1	of Pages
2. Amendment/Modification No.	3. Effective Date	4. Requisition/Pu		No.	5. Project I	No. (if applic	cable)
	Sep 20, 2005	NWWG9500-5					
6. Issued By	Code WG953023	7. Administered i	By (If other th	an Item 6)	(Code ·	
NATIONAL DATA BUOY CENTER		SEE BLOCK 6					
RESOURCES BRANCH /W/OPS53							
BUILDING 1100							
STENNIS SPACE CENTER, MS 39529-6	6000			•			
TIMOTHY D. BLACK 228-688-2382							
8. Name and Address of Contractor (No., Street	t, County, and Zip Code)	1,	(X) 9A.	Amendment o	f Solicitation I	No.	
	•						<u> </u>
SCIENCE APPLICATIONS INTERNATI	ONAL CORP Vendor	ID: 00004157	9B. 1	Date (See Iten	n 11)		
10260 CAMPUS POINT DRIVE	DUNS:	148095086					
MAIL STOP G2		•	10A.	Modification of	of Contract/O	rder No.	
SAN DIEGO CA 921211578	CAGE:	0T5L1	X QA1	330-05-CQ-	1035 0016		
BAIT DIEGO CITOZIZIO			^ 10B.	Date (See Ite	m 13)		•
			Jul 2	8, 2005			
Code	Facility Code						
11. T	HIS ITEM ONLY APPLIES T	O AMENDMENTS (OF SOLICITA	ATIONS			
The above numbered solicitation is amende	d as set forth in item 14. The	hour and date spec	ified for rece	ipt of Offers			ot extended.
Offers must acknowledge receipt of this amendm	ent prior to the hour and date	specified in the so	licitation or a	s amended, b	y one of the f	ollowing me	thods:
- No Book R and 15, and returning	copies of the amend	ment: (b) By acknov	vledging rec	eipt of this am	enament on s	each copy o	it the one
	hich includes a reference to f	he solicitation and a	amendment	numbers. FAII	URE OF YO	UR ACKNO	WLEDG-
MENT TO BE DECEMED AT THE PLACE DESIGN	GNATED FOR THE RECEIP	T OF OFFERS PRI	OR TO THE	HOUR AND L	DATE SPECI	TIED MATE	KESULI
WE RE JE OTHOR OF YOUR OFFER If by virtue of	this amendment you desire t	to change an offer a	ilready subm	imed, such ch	ange may be	made by le	negram or
letter, provided each telegram or letter makes rete	erence to the solicitation and	this amendment, ar	nd is receive	d prior to the d	pening hour	and date sp	eclfied.
12. Accounting and Appropriation Data (if require	ed)	·					
See Schedule \$ US 282,812.08	557	•					
13. THIS	ITEM APPLIES ONLY TO M	ODIFICATIONS OF	CONTRAC	T/ORDERS.			,
T MOI	DIFFES THE CONTRACT/OR	DER NO. AS DESC	RIBED IN I	ΓΕΜ 14.	·	· · · · · · · ·	
(x) A. This change order is issued pursuant to:	(Specify authority) The char	nges set forth in iten	n 14 are mai	de in the Conti	rad Order No	o, in item 10.	A.,
							
B. The above numbered Contract/Order is n	nodified to reflect the adminis	trative changes (su	ich as chang	es in paying c	mce, approp	rialibri dala,	010./
Set fourth item 14, pursuant to the author C. This supplemental agreement is entered	into numerant to authority of:						
X C. This supplemental agreement is entered in Scope Change within the Terms of	and Conditions of this Ta	ck Order by Muti	al Agreem	ent			
In Scope Change Willin the Terms	uthority)	sk Order by make	<u></u>		· ···		
D. Other (Specify type of modification and a	utilority)						
lia and IV	is required to sign this docum	ant and return 3 co	nies to the i	ssuing office.			
E. IMPORTANT: Contractor is not, X is not, Organ	is required to sign this docum	e including solicita	tion/contract	subject mette	r where feasi	ble.)	
4. Description of Amendment/Modification (Organ	ized by UCF section heading	is, il kidoling solicito		,		•	
	110	7. (OI IN)-	\	-ough 000	Q to this to	ack order	r The
. The purpose of this modification is	to add Contract Line	items (CLINS) 0004 in	Tongu ooo	o to tins to	ask order	i. The
counting and appropriation data need	ds to be adjusted and	added to this t	ask order	••			
·							
. The details of CLINS 0004 - 0008 c	ean he found on page	s 2-3 of this m	odificatio	on. The fo	llowing cl	hange/ad	ldition to
. The details of CLINS 0004 - 0008 c	is required for these (TI TNIc.					
ne accounting and appropriation data	is required for these c	ימאוורור.					
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ADD: 1405C2KC4CPP6C340			4				
·							
Except as provided herein, all terms and conditions of the	document referenced in item 9A	or 10A, as heretofore	changed, rem	ains unchanged	and in full force	e silo ellect.	
A Title of Signor (Type or Print)		16A. Name ar	nd title of Co	ntracting Office	er (Type of F	TILLY	1
An a sto Carper		TIMOTHY I			228	3-688-2382	۷
Thursday of the	·	Contracting (Officer	1	*		
Anancia (arei) Loutra cts 160.	•	tim.black@n	oga.gov			,	
/: /	15C. Date Signed	16B. United S	lates of Ame	rica		16C. Date	Signed .
15B Contractor/Offeror	1 about		SZO	/5	-	01-	
O INTOUNCE COM	C 7/00/03	leiona	Ture of Cont	racting Officer)		7/12	ルルク
(Signature of person authorized to sign)/) 	- 1 - F - 1 - Y	iore or conti		FORM 30 (RE	V. 10-83)	
NSN 7540-01-152-8070		30-105		9 IANDARD			50.040

PREVIOUS EDITIONS UNUSABLE

		CHEDULE Quantity	Unit	Unit Price	Amount
Item No.	Supplies/Servic	Quartity	J	- Clift Floor	7553/1
04	TASK ORDER 05-TOS-16 CONWxB - AUGMENT SELECT MON STATIONS WITH OCEAN MEASURES		EA		128,384.08
	Fabricate WAMDAS units with directional wave capability, but without iridium communication capability. This is referred to in the proposal dated 08/22/2005 as DWMS Lite. All units shall be completed and delivered within 12 weeks of the completion of the design engineering effort on a separate task order.				
	FFP				
	Accounting and Appropriation Data: 14.05.C2KC4BCPW734010704012.200600009500 0000.25130000 US\$ 128,384.08				
005	FFP OPTION TASK ORDER 05-TOS-16 CONWxB - AUGMENT SELECT MON STATIONS WITH OCEAN MEASURES		EA	0.00	0.00
	Option to Fabricate WAMDAS units with directional wave capability, but without iridium communication capability. This is referred to in the proposal dated 08/22/2005 as DWMS Lite. In the event that materials are available after the completion on CLIN 0004, the Government may exercise this option to fabricate 2 additional DWMS Lite WAMDAS units at the unit price of each.				
006	FFP TASK ORDER 05-TOS-16 CONWxB - AUGMENT SELECT MON STATIONS WITH OCEAN MEASURES		EA		51,476.00
	Fabricate WAMDAS units with directional wave capability, ADCP, inductive modem, and iridium communication capability. This is referred to in the proposal dated 08/22/2005 as WAMDAS. All units shall be completed and delivered within 12 weeks of the completion of the design engineering effort on a separate task order.				
	FFP				
	Accounting and Appropriation Data: 14.05.C2KC4CPP6C34010704011.2006000095000 000.25130000 US\$ 51,476.00				
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tem No.	Supplies/Servic	Quantity	Unit	Unit Price	Amount
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	TASK ORDER 05-TOS-16 CONWxB -		EA		102,952.00
	AUGMENT SELECT MON STATIONS WITH		İ		•
	OCEAN MEASURES				
	Fabricate WAMDAS units with directional wave				
	and indium				
	learning cation canability. This is referred to in the				
	proposal dated 08/22/2005 as WAMDAS. All units shall be completed and delivered within 12 weeks				
	of the completion of the design engineering effort			·	
	on a separate task order.			·	
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	14.05.C2KC4BCPW734010704012.200600009500				j
•	0000.25130000 US\$ 102,952.00	·			
	US\$ 102,932.00				•
	FFP OPTION	0	EA	0.00	0.00
8	TASK ORDER 05-TOS-16 CONWXB - AUGMENT SELECT MON STATIONS WITH				
	OCEAN MEASURES				
	•				
	Fabricate WAMDAS units with directional wave capability, ADCP, inductive modem, and iridium				
	canability. This is referred to in the	•			
	proposal dated 08/22/2005 as WAMDAS. In the		}		
	event that materials are available after the				
	completion on CLIN 0007, the Government may exercise this option to fabricate 2 additional				
	WAMDAS units at the unit price of				
	each.				
	FFP		}		
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AMENDMENT OF SOLICITATION	ON/MODIFICATION	ON OF CONTRA	СТ	1. Contract IE) Code	Page 1	of Pages
2. Amendment/Modification No.	3. Effective Date May 4, 2006	4. Requisition/Purchas	se Req.	No.	5. Project	No. (if applic	
6. Issued By NATIONAL DATA BUOY CENTER RESOURCES BRANCH /W/OPS53 BUILDING 1100 STENNIS SPACE CENTER, MS 39529-60	Code WG953023	7. Administered By (If SEE BLOCK 6	ministered By (If other than Item 6) BLOCK 6				
TIMOTHY D. BLACK 228-688-2382 8. Name and Address of Contractor (No., Street,	County and Zin Code)	(X)	9A.	Amendment o	f Solicitation	No.	
SCIENCE APPLICATIONS INTERNATIO 10260 CAMPUS POINT DRIVE MAIL STOP G2 SAN DIEGO CA 921211578	NAL CORP Vendor	1D: 00004157 148095086	9B. 10A. QA1 10B.	Modification of 330-05-CQ-Date (See Ite 8, 2005	n 11) of Contract/0 1035_001	Order No.	
Code	Facility Code S ITEM ONLY APPLIES T		21.1017	ATIONE			
Offers must acknowledge receipt of this amendment (a) By completing items 8 and 15, and returning submitted; or (c) By separate letter or telegram whim MENT TO BE RECEIVED AT THE PLACE DESIGN IN REJECTION OF YOUR OFFER. If by virtue of the letter, provided each telegram or letter makes refered. Accounting and Appropriation Data (if required See Schedule \$ US 312,899.28	copies of the amend ch includes a reference to NATED FOR THE RECEIP his amendment you desire ence to the solicitation and	ment; (b) By acknowledg the solicitation and ameno T OF OFFERS PRIOR To to change an offer alread this amendment, and is r	dment O THE ly subn	numbers. FAII HOUR AND I hitted, such ch d prior to the o	lendment on LURE OF Y DATE SPEC lange may b	OUR ACKNO CIFIED MAY The made by te	OWLEDG- RESULT elegram or
13. THIS II IT MODII (x) A. This change order is issued pursuant to:	FIES THE CONTRACT/OR	DER NO. AS DESCRIBE	ED IN I	TEM 14.	ract Order N	No. in item 10)A.
B. The above numbered Contract/Order is monopole to the authorit Set fourth item 14, pursuant to the authorit C. This supplemental agreement is entered in In scope change within the terms and D. Other (Specify type of modification and authority)	y of FAR 43.103 (b) to pursuant to authority of: conditions of the task o			ges in paying (office, appro	opriation date	, etc.)
E. IMPORTANT: Contractor is not, X is	required to sign this docum	nent and return 3 copies t	to the i	ssuing office.			
14. Description of Amendment/Modification (Organiz 1. The purpose of this modification is to new and must be added to this task of the details of CLIN 00	o add CLIN 0009 to rder. 009. Add the follow	this task order. To	The ac	counting a	and appro	opriation	data is
1406D2KC4CWP003606090100)220060000950000	0025130000 \$312	2,899	.28			
Except as provided herein, all terms and conditions of the do	ocument referenced in item 9A	or 10A, as heretofore chang	ed, rem	ains unchanged	and in full for	rce and effect.	
15A. Name and Title of Signer (Type or Print) Amanda (Ciria) Courtains (Courtains)		16A. Name and title TIMOTHY D. BI Contracting Offic tim.black@nosa.e	e of Co ∟ACK er ≥ov	ntracting Offic	er (<i>Type oi</i>	r Print) 28-688-238: 	
15B. Contractor/Offeror (Signature of person authorized to sign) NSN 7540-01-152-8070	15C. Date Signed	30-105 United States	2	racting Officer) FORM 30 (16C. Date - 5/4/ REV. 10-83)	Signed

NSN 7540-01-152-8070

PREVIOUS EDITIONS UNUSABLE

		EDULE			A +
Item No.	Supplies/Services	Quantity	Unit	Unit Price	Amount
0009	TASK ORDER 05-TOS-16 CONWxB-AUGMENT SELECT MON STATIONS WITH OCEAN MEASURES Provide all labor and material to accomplish the attached Task Management Plan that includes specific station augmentation with directional wave measurements, new ConWxB sensors, new buoy builds, and fabrication of WAMDAS wave processing modules. The period of performance for this CLIN is 04/12/2006 - 9/30/2007.	complish the lat includes directional wave ors, new buoy		312,899.28	312,899.28
	FFP			·	
	Accounting and Appropriation Data: 14.06.D2KC4CWP0036060901002.200600009500 0000.25130000 US\$ 312,899.28		·		
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AMENDMENT OF SOLICITATION	J/MODIFICATIO	ON OF CONTE	RACT	1. Contract ID) Code	Page 1	of Pages
2. Amendment/Modification No.	3. Effective Date	4. Requisition/Pure		q. No.	5. Project N	o. (if appl	
0003	Jul 11, 2007	7. Administered By	/ (If other	than Item 6)	C	ode	
b. Issued by	Code WG953023	SEE BLOCK 6	(ii Oiriei	man nem oj	_		
NATIONAL DATA BUOY CENTER		SEE BLOCK 0					
SOURCES BRANCH /W/OPS53							
BUILDING 1100							
STENNIS SPACE CENTER, MS 39529-6000							
AMANDA M. CAREY 228-688-1705		J	(V) TOA	Amendment o	f Solicitation N	<u> </u>	
8. Name and Address of Contractor (No., Street, Co	ounty, and Zip Code)		(X) 9A.	Villetion lettro	, conontation i		
	AT COURS Vando	- II) 00004157	9B.	Date (See Iter	n 11)		
SCIENCE APPLICATIONS INTERNATIONA	ODIIO OTAUU IA	: 148095086		20.0 (000	,		
10260 CAMPUS POINT DRIVE	באוטע	. 148093080	10/	A. Modification	of Contract/Or	der No.	
MAIL STOP G2	CAGE	: 0T5L1		.1330-05-CQ-			
SAN DIEGO CA 921211578	CAOL	. UIJLI	V	B. Date (See Ite			
	•	ţ		28, 2005			
le le le le le le le le le le le le le l	acility Code		1501				
Code 11 THIS I	TEM ONLY APPLIES T	TO AMENDMENTS O	F SOLICI	TATIONS			
	and forth in Hom 14. The	hour and date specif	ied for re	ceipt of Offers	is extende		not extended
The above numbered solicitation is amended as Offers must acknowledge receipt of this amendment p	arior to the hour and dat	te specified in the som	Jitanon oi	as amended, t	y one of the fo	ollowing m	nethods:
	conice of the amend	ament, ini by acknow	EUUINU 19	Celbrot tills an	ionamonic on o	40.1000	
	includes a reference to	the solicitation and ar	nendmer	nt numbers. FAI	LURE OF YOU	JR ACKN	OWLEDG-
	TED FOR THE RECEN	イエロト ロトトドスタ とれいし	יוו טו חי	E HOUL AIVE	D/ (1 = 0, = 0 !!		
	amandment you decire	to change an ottet at	ready Sul)	ialige may be	made by	.0,09.0 0.
IN REJECTION OF YOUR OFFER. If by virtue of trils letter, provided each telegram or letter makes reference.	ce to the solicitation and	d this amendment, and	d is receiv	ved prior to the	opening hour a	and date s	specified.
12. Accounting and Appropriation Data (if required)							
A 7 7 C	APPLIES ONLY TO N	AODIFICATIONS OF	CONTRA	CT/ORDERS			
T LACDIEIE	・こ エロロ こういてきょうてい	RDER NO AS DESCI	RIBED IN	11EM 14.			
A. This change order is issued pursuant to: (Sp.	ecify authority) The cha	anges set forth in item	.14 are m	nade in the Con	tract Order No	. in item 1	0A.
4							
B. The above numbered Contract/Order is modif	ied to reflect the admin	istrative changes (su	ch as cha	nges in paying	опісе, арргорі	nation dat	e, etc.)
A Set fourth item 14 nursuant to the authority of	T FAR 43. 103 (D)						
C. This supplemental agreement is entered into	pursuant to actinomy of	•					
to "the at modification and author	rity)						
D. Other (Specify type of modification and autho	,,,,,			_			
E. IMPORTANT: Contractor X is not, is re	quired to sign this docu	ment and return	copies	to the issuing of	office.		
E. IMPORTANT: Contractor A Is not, Is not. Description of Amendment/Modification (Organized)	by UCF section headir	ngs, including solicitat	ion/contra	act subject matte	er where feasil	ble.)	
•							
The purpose of this modification is to replace t	he TMP and re-aligr	the values on each	CLIN a	is an overall n	o-cost chang	e.	
							k under this
a. TMP 0001, version 5, dated 05/01/0	6, has been replaced	in its entirety in or	ie bere	by incorporate	ed into this T	ask Orde	er.
a. TMP 0001, version 5, dated 03/01/0 task order. As a result of this re-alig	nment, TMP Version	n 3, dated 0//02/0/	, 15 11616	by incorporate	od mito timb i	abk Ora	
1	\$240 110 66 to \$246	. 374.54, a net decre	ase of \$	102.745.12.			
b. CLIN 0002 is hereby changed from	\$349,119.00 to \$240	,,,,,,,,,, a not door	Juso 01 4	.102,7 101221			
Accounting: 1405C2KC4BCPW73401070401220060	000950000000251300	000000000 \$(102.3	745.12)				
1405C2KC4BCPW73401070401220000	00075000000025150	,					
Except as provided herein, all terms and conditions of the docu	iment referenced in item 9	A or 10A, as heretofore o	hanged, re	emains unchange	d and in full force	and effect	t.
Except as provided herein, all terms and conditions of the doct		16A. Name an	d title of (Contracting Office	cer (<i>Type or F</i>	Print)	
15A. Name and Title of Signer (Type or Print)		MARILYN C		Ü		688-238	32
		Contracting C					
_		marilyn.clark		207			
	15C. Date Signed	16B. United St				16C. Da	te Signed
15B. Contractor/Offeror	150. Date Signed	(01, - 1	Δn	1 -		•	
	_	January	~ ()\/\	ntracting Office	<u></u>	Jul 12, 2	2007
(Signature of person authorized to sign)			ME OLCO		D FORM 30 (RE	V 10-83)	
WOLL TE 10 OF 150 0070		30-105		STANDAR	ווא אס אוויה יי		

NSN 7540-01-152-8070 PREVIOUS EDITIONS LIMITEMENTE

Prescribed by GSA FAR (48 CFR) 53.243

CLIN 0003 is hereby changed from \$59,867.48 to \$0.00, a net decrease of \$59,867.48.

Accounting:

1405C2KC4BCPW734010704012200600009500000025130000000000 \$(59,867.48)

68,624.66 (ac)

d. CLIN 0007 is hereby changed from \$102,952.00 to \$58,624.00, a net decrease of \$34,328.00. Accounting: 1405C2KC4BCPW734010704012200600009500000025130000000000 \$(34,328.00)

e. CLIN 0009 is hereby changed from \$312,899.28 to \$387,764.49, a net increase of \$74,865.21. Accounting: 1405C2KC4BCPW734010704012200600009500000025130000000000 \$59,867.48 1405C2KC4BCPW734010704012200600009500000025130000000000 \$14,997.73

f. CLIN 0010 is hereby changed from \$0.00 to \$122,075.39, a net increase of \$122,075.39. Accounting: 1405C2KC4BCPW734010704012200600009500000025130000000000 \$102,745.12 1405C2KC4BCPW734010704012200600009500000025130000000000 \$19,330.27

- 2. The above changes have no effect on funded value of this Task Order.
- 3. No other changes are made at this time. All other terms and conditions remain unchanged and in full effect.

1tem No.	Supplies/Services	Quantity	Unit	Unit Price	Amount
0002					
	TASK ORDER 05-TOS-16 CONWxB - AUGMENT SELECT MON STATIONS WITH OCEAN MEASUREMENTS	1	JB	246,374.54	246,374.54
	Provide all labor and materials to accomplish the augmentation of selected MON stations with ocean measurements in accordance with the Task Management Plan (TMP).				
·	The Performance Period for this Task Order is 07/01/06-06/30/07.				
0003	FFP TASK ORDER 05-TOS-16 CONWxB - AUGMENT SELECT MON STATIONS WITH OCEAN MEASUREMENTS	1	JB	0.00	0.00
	Provide all labor and materials to accomplish the augmentation of selected MON stations with ocean measurements in accordance with the Task Management Plan (TMP).		į		
	This is an unpriced CLIN.		.		
				NTE	
0007	TASK ORDER 05-TOS-16 CONWxB - AUGMENT SELECT MON STATIONS WITH OCEAN MEASURES		EA		68,624.00
	Fabricate WAMDAS units with directional wave capbility, ADCP, inductive modem, and iridium communication capability. This is referred to in the proposal dated 08/22/2005 as WAMDAS. All units shall be completed and delivered within 12 weeks of the completion of the design engineering effort on a separate task order.				
)009	FFP TASK ORDER 05-TOS-16 CONWxB - AUGMENT SELECT MON STATIONS WITH OCEAN MEASURES	. 1	JB	387,764.49	387,764.49
	Provide all labor and material to accomplish the attached Task Management Plan that includes specific station augmentation with directional wave measurements, new ConWxB sensors, new buoy builds, and fabrication of WAMDAS wave processing modules. The period of performance for this CLIN is 04/12/2006 - 06/30/2009.				
I	FFP				

14 N.I	Supplies/Services	HEDULE Quantity	Unit	Unit Price	Amount
1tem No. 0010			JB	122,075.39	
	TASK ORDER 05-TOS-16 CONWxB - AUGMENT SELECT MON STATIONS WITH OCEAN MEASURES				
	This line item is to cover a series of indefinite tasks associated with Augmentation of the Mon Stations with Ocean Measurements. This line item will be triggered by operational needs and exercised by the Contracting Officer with a bi-lateral agreement				
	between the contractor and the government by way of an issuance of a Notice to Proceed (NTP). The period of performance for this clin is 07/01/07 - 06/30/09.	,			
	FFP				
				. ·	·
		· .			
		·			
	·				

		•		·			w <u>L</u>
AMENDMENT OF SOLICITATI	ION/MODIFICATION	ON OF CONT	TRAC	T 1. Contract I	D Code	Page 1	of Pag
2. Amendment/Modification No.	3. Effective Date Dec 17, 2007	4. Requisition/Ponts NWWG9502-8		Req. No.	5. Project i	Vo. (if appli	cable)
6. Issued By	Code WG953023	7. Administered		er than Item 6)	(Code	,
VATIONAL DATA BUOY CENTER		SEE BLOCK 6	5				
RESOURCES BRANCH /W/OPS53							
BUILDING 1100				•			
STENNIS SPACE CENTER, MS 39529-60	000						
KURT C.WEILBAECHER 228-688-2825							
8. Name and Address of Contractor (No., Street,	, County, and Zip Code)		(X) 9.	A. Amendment c	f Solicitation N	10.	
SCIENCE APPLICATIONS INTERNATION	NAL CORPO Vendor	ID: 00004157	91	B. Date (See Iter	n 11)		
10260 CAMPUS POINT DRIVE	DUNS:	148095.086	1 1	*			
MAIL STOP G2			10	A. Modification	of Contract/Or	der No.	
SAN DIEGO CA 921211578	CAGE:	0T5L1	X Q	A1330-05-CQ-	1035 0016		
om billet the second			1 10	B. Date (See Ite	m 13)		
			Ju	1 28, 2005	<u> </u>		
Code	Facility Code				<u> </u>		
The above numbered solicitation is amended	IS ITEM ONLY APPLIES TO				is extende	1977	
Offers must acknowledge receipt of this amendment (a) By completing items 8 and 15, and returning (b) By completing items 8 and 15, and returning (c) By separate letter or telegram white the second of the second	copies of the amendr ich includes a reference to the NATED FOR THE RECEIPT his amendment you desire to	nent; (b) By acknow he solicitation and a r OF OFFERS PRIC o change an offer a	vledging r amendme OR TO TI Ilready su	eceipt of this amount ont numbers. FAIL HE HOUR AND D bmitted, such cha	endment on ea URE OF YOU ATE SPECIFI ange may be m	ach copy of IR ACKNO\ IED MAY R nade by tele	the offer WLEDG- ESULT egram or
etter, provided each telegram or letter makes refer		his amendment, an	nd is recei	vea prior to the o	pening nour ar	no date spe	
Accounting and Appropriation Data (If required See Schedule \$ US 0.00)							
13. THIS IT	EM APPLIES ONLY TO MO	DIFICATIONS OF	CONTRA	CT/ORDERS.			
A. This change order is issued pursuant to: (\$	FIES THE CONTRACT/ORD	ges set forth in item	14 are m	nade in the Contra	act Order No. i	in item 10A	
A. This change order is issued pursuant to: (c	Specify admonty) The onan	900 001 101 111 111 110 111	. ,				
B. The above numbered Contract/Order is mo Set fourth item 14, pursuant to the authority	edified to reflect the administ	rative changes (su	ich as cha	anges in paying of	fice, appropria	ition date, e	etc.)
C. This supplemental agreement is entered int	to pursuant to authority of:						
FAR 52.243-1 CHANGES FIXED-PI							
D. Other (Specify type of modification and auth	nonty)						
IMPORTANT: Contractor is not, X is	required to sign this docume	ent and return 1 cop	oies to the	issuing office.			
Description of Amendment/Modification (Organize	ed by UCF section headings	, including solicitati	ion/contra	ct subject matter	where feasible).)	
			•				4
The purpose of this modification is to	o replace the TMP ar	id re-align the	values	of the CLIN	as an over	all no-co	OSI
inge.	•						
TMP 05-TOS-16, version 3, dated 7/2 kaging for 1.8 meter buoys. As a reseby incorporated into this Task Order	ult of this change, T	ed in order to MP 05-TOS-1	accomi 6, Vers	modate a requion 3, change	uirement to e 1, dated 1	add mo 1/26/07	oring , is
cept as provided herein, all terms and conditions of the do	cument referenced in item 9A or	· 10A, as heretofore ch	nanged, rer	mains unchanged an	d in full force and	d effect.	
A. Name and Title of Signer (<i>Type or Print</i>)		16A. Name and	i title of Co	ontracting Officer	(Type or Print,)	
Z Z MIIIM		MARILYN		•		88-2382	,
BONNIE BARNUM- CONTRACTS REPRESENTATIVE		Contracting					
WAIR TO THE		marilyn.clar					
3. Contractor/Offeror	15C. Date Signed	16B. United Stat	tes of An	enica	160	C. Date Sig	gned
-3. · · · 23 ,		W10	4	V()	Da	ec 27, 20	107
(Signature of person authorized to sign)	-1/2/08	(Signatur	re of Cont	racting Officer)		~ £1, 20	,

30-105

REVIOUS EDITIONS UNUSABLE

SN 7540-01-152-8070

STANDARD FORM 30 (REV. 10-83)

Prescribed by GSA FAR (48 CFR) 53.243

b. CLIN 0009 is hereby changed from \$387,764.49 to \$390,014.49, a net increase of \$2,250.00.

▲CCOUNTING: 1405C2KCBCPW734010704012200600009500000025130000000000

c. CLIN 0010 is hereby changed from \$122,075.39 to \$\$119,825.39, a net decrease of \$2,250.00.

ACCOUNTING: 1405C2KCBCPW734010704012200600009500000025130000000000

2. The above changes have no effect on the funded value of this task order.

3. No other changes are made at this time. All other terms and conditions remain unchanged and in full effect.

Item No.	Supplies/Services	JUIT	IEDULE Quantity	,	Unit	Unit Price		Amou	ınt
0009	TASK ORDER 05-TOS-16 CONWxB - AUGMENT SELECT MON STATIONS WITH OCEAN MEASURES	1		1	JВ	390,0	14.49	390,0	14.49
	Provide all labor and material to accomplish the attached Task Management Plan that includes specific station augmentation with directional warmeasurements, new ConWxB sensors, new buoy builds, and fabrication of WAMDAS wave processing modules. The period of performance for this CLIN is 04/12/2006 - 06/30/2009.	ave							
	FFP						:		
	Accounting and Appropriation Data: 14.05.C2KC4BC.PW7.34.010704012.200600009 000000.25130000.000000 US\$ 77,105.86 14.06.D2KC4CW.P00.36.060901002.2006000099 00000.25130000.000000 US\$ 312,908.63 DELIVERY DATE: 06/30/2009 SHIP TO: NATIONAL DATA BUOY CENTER RESOURCES BRANCH /W/OPS53 BUILDING 1100 STENNIS SPACE CENTER, MS 39529-6000 FOB: Destination								
	TASK ORDER 05-TOS-16 CONWxB - AUGMENT SELECT MON STATIONS WITH OCEAN MEASURES			1 .	JB	119,825	39	119,825.	39
t C D	This line item is to cover a series of indefinite tasks associated with Augmentation of the Mon Stations with Ocean Measurements. This line item will be riggered by operational needs and exercised by the Contracting Officer with a bi-lateral agreement between the contractor and the government by way of an issuance of a Notice to Proceed (NTP). The eriod of performance for this clin is 07/01/07 - 6/30/09.								
F	FP								
14 00 U D SI N RI BI	ccounting and Appropriation Data: 4.05.C2KC4BC.PW7.34.010704012.2006000095 00000.25130000.000000 \$\$ 119,825.39 ELIVERY DATE: 06/30/2009 HIP TO: ATIONAL DATA BUOY CENTER ESOURCES BRANCH /W/OPS53 UILDING 1100 ENNIS SPACE CENTER, MS 39529-6000 DB: Destination	÷							

AMENDMENT OF SOLICITAT 2. Amendment/Modification No.	3. Effective Date	4. Requisition/P			5. Project N	lo. (if applic	able)
*0005	Mar 24, 2008	NWWG9500-8					
6. Issued By	Code WG953023	7. Administered				ode	
NATIONAL DATA BUOY CENTER		SEE BLOCK 6					
ESOURCES BRANCH /W/OPS53							
BUILDING 1100							
STENNIS SPACE CENTER, MS 39529-60	000						
KURT C.WEILBAECHER 228-688-2825							
8. Name and Address of Contractor (No., Street,	County, and Zip Code)		(X)	9A. Amendment of	Solicitation N	0.	
SCIENCE APPLICATIONS INTERNATION	NAL CORPO Vendor	· ID: 00004157		9B. Date (See Item	11)		
10260 CAMPUS POINT DRIVE		148095086					
MAIL STOP G2			1	IOA. Modification of	Contract/Orc	ler No.	
SAN DIEGO CA 921211578	CAGE:	0T5L1	$ \mathbf{x} $	QA1330-05-CQ-1	035 0016		
			1	0B. Date (See Item	13)		
			J	ul 28, 2005			·
Code	Facility Code		<u> </u>				
The state of the s	S ITEM ONLY APPLIES TO				<u> </u>	. 11 11 .	
The above numbered solicitation is amended	as set forth in item 14. The	hour and date spec	ified for	receipt of Offers	is extended		
offers must acknowledge receipt of this amendmen							
) By completing items 8 and 15, and returning	copies of the amendr						
ubmitted; or (c) By separate letter or telegram whi							
ENT TO BE RECEIVED AT THE PLACE DESIGN							
REJECTION OF YOUR OFFER. If by virtue of the ter, provided each telegram or letter makes refere							
- 9		ins amendment, an	1 13 160	sived prior to the ope	stillig flour an	u uşte sper	
2. Accounting and Appropriation Data (if required be Schedule \$ US 0.00)	•					
13. THIS ITE	EM APPLIES ONLY TO MC	DIFICATIONS OF	CONTR	ACT/ORDERS.			
IT MOD <u>IF</u>	IES THE CONTRACT/ORD	DER NO. AS DESC	RIBED I	N ITEM 14.			
A. This change order is issued pursuant to: (S	Specify authority) The chan	ges set forth in item	14 are	made in the Contrac	t Order No. ir	item 10A.	•
)			· · · · ·				()
B. The above numbered Contract/Order is mode Set fourth item 14, pursuant to the authority		rative changes (suc	on as cn	anges in paying οπι	ce; appropriat	ion date, e	(C.)
C. This supplemental agreement is entered into							
FAR 52.243-1 CHANGES FIXED-PR							
D. Other (Specify type of modification and auth				•	······································		
							•
IMPORTANT: Contractor is not, X is re	equired to sign this docume	ent and return 1 cop	ies to th	e issuing office.			
Description of Amendment/Modification (Organize	d by UCF section headings	, including solicitatio	n/contr	act subject matter wi	here feasible.)	
				•			
The purpose of this modification is to	replace the TMP an	d to transfer re	emain	ing funds to ac	commoda [.]	te for	
ignment of CLIN 0009 for support to	TAO program and	add TAO P&I	scope	to CLIN 010 a	as an over	all no-co	st .
	F		•				
nge.							
7 (P. 05 TOC 16	J-4-J 11/06/0007 1	haa haan ahana	od in	and an talla a a a a a m	madata ra	form att	ina
TMP 05-TOS-16, version 3, change 1,							
ast quantities of all deliverables to allo	ow for realignment of	of CLIN 0009 8	and C.	LIN 0010. As	a resuit of	this cha	nge,
P 05-TOS-16, Version 4, dated 02/28.	/08, is hereby incorp	orated into thi	s Tasi	k Order.			
					.•.		
	·						
		404	· · · · · · · · · · · · · · · · · · ·			-#	
pt as provided herein, all terms and conditions of the doct	ument referenced in item 9A or	- 				enect.	
Name and Title of Signer (Type or Print)				Contracting Officer (7		0000	
DORANIE BARNUM		KURT C.WI			228-68	38-2825	
CULTIKARTS REPRESERTATION	E	Contracting (•	
	•	kurt.weilbaed	cher(a	noaa.gov			,
Contractor/Offeror	15C. Date Signed	16B. United State	es of Am	nerica	16C	. Date Sigi	red
France y Jarxin	i i	Kut C.	<u>L</u> lei	elbalche_	Ma	r 10, 20	28
(Signature of person authorized to sign)	3/10/08	(Signature	of Con	tracting Officer)	1414	0, 20	
J 7540-01-152-8070		-165		STANDARD FOR	VI 30 (REV. 10	-83)	

REVIOUS EDITIONS UNUSABLE

Prescribed by GSA FAR (48 CFR) 53.243

b. CLIN 0009 is hereby changed from \$390,014.49 to \$255,972.54, a net decrease of \$134,041.95.

ACCOUNTING:

1406D2KC4CWP0036060901002200600009500000025130000000000

-\$134,041.95

c. CLIN 0010 is hereby changed from \$119,825.39 to \$253,867.34, a net increase of \$134,041.95.

ACCOUNTING:

1405C2KCBCPW734010704012200600009500000025130000000000

\$134,041.95

- 2. The above changes have no effect on the funded value of this task order.
- 3. No other changes are made at this time. All other terms and conditions remain unchanged and in full effect.

Item No.	Supplies/Services Supplies	CHEDULE Quantity	Unit	Unit Price	Amount
Hom 140.	Supplies/Oci vicos —	- Guaring	1 1		Amount
0009	TASK ORDER 05-TOS-16 CONWxB - AUGMENT SELECT MON STATIONS WITH OCEAN MEASURES		1 JB	255,972.54	255,972.54
	Provide all labor and material to accomplish the attached Task Management Plan that includes specific station augmentation with directional wave measurements, new ConWxB sensors, new buoy builds, and fabrication of WAMDAS wave processing modules. The period of performance for this CLIN is 04/12/2006 - 06/30/2009.				
	FFP				
	Accounting and Appropriation Data: 14.05.C2KC4BC.PW7.0034.010704012.20060000 95000000.25130000.000000 US\$ 77,098.92 14.06.D2KC4CW.P00.0036.060901002.200600009 5000000.25130000.000000 US\$ 178,873.62 DELIVERY DATE: 06/30/2009 SHIP TO: NATIONAL DATA BUOY CENTER RESOURCES BRANCH /W/OPS53 BUILDING 1100 STENNIS SPACE CENTER, MS 39529-6000 FOB: Destination				
,	TASK ORDER 05-TOS-16 TAO Production and Integration	1	ЛВ	253,867.34	253,867.34
ir b	This line item is to cover the continued production, integration and field service of forty legacy TAO puoys, six TAO refresh parallel test buoys, and two ADCP moorings in the equatorial pacific.				
\w.	The negotiated value of this CLIN is \$253,867.34 with a maximum fee of (included in mount)				
	the period of performance for this clin is 03/10/08 06/30/09.				
CI	PFF		-		
14 95 US DE SH NA RE BU	ccounting and Appropriation Data: 4.05.C2KC4BC.PW7.0034.010704012.20060000 5000000.25130000.000000 S\$ 253,867.34 ELIVERY DATE: 06/30/2009 HIP TO: ATIONAL DATA BUOY CENTER ESOURCES BRANCH /W/OPS53 JILDING 1100 ENNIS SPACE CENTER, MS 39529-6000				
	B: Destination				

AMENDMENT OF SOLICITAT					F D:	oot No /if =	nnlinchle)
2. Amendment/Modification No.	3. Effective Date	4. Requisition/Pu			js. Proj	ect No. (if a	pplicable)
0006	Apr 9, 2008	NWWG9500-8				Code	
6. Issued By	Code WG953023	7. Administered B SEE BLOCK 6		other than item 6)	•	Code	
NATIONAL DATA BUOY CENTER RESOURCES BRANCH /W/OPS53		SEE BLOCK 0				•	
· · ·							
BUILDING 1100	100						
STENNIS SPACE CENTER, MS 39529-60 KURT C.WEILBAECHER 228-688-2825							
8. Name and Address of Contractor (<i>No., Street,</i>	County and Zin Code)	<u> </u>	(X)	9A. Amendmer	nt of Solicitati	ion No.	
6. Name and Addiess of Contractor (No., Carea,	County, and Esp coupy		14.7				
SCIENCE APPLICATIONS INTERNATION	NAL CORPO Vendo	or ID: 00004157	}	9B. Date (See	Item 11)		•
10260 CAMPUS POINT DRIVE		S: 148095086	}		• .		
MAIL STOP G2				10A. Modification	on of Contrac	t/Order No.	•
SAN DIEGO CA 921211578	CAGE	E: 0T5L1	X	QA1330-05-C		16	
		•	\^	10B. Date (See	Item 13)		•
	·			Jul 28, 2005			
Code	Facility Code	EO AMENDMENTS O	F 60	LICITATIONS		•	
11. The above numbered solicitation is amended a	S ITEM ONLY APPLIES				e lie evt	ended III is	s not extende
Offers must acknowledge receipt of this amendmen	as set forth in item 14. The	e nour and date speci te specified in the soli	neu ic	n or as amended			
(a) By completing items 8 and 15, and returning	copies of the amen	dment; (b) By acknowl	iedgin	g receipt of this a	amendment c	on each cop	y of the offer
submitted; or (c) By separate letter or telegram which							
MENT TO BE RECEIVED AT THE PLACE DESIGN	IATED FOR THE RECEIF	T OF OFFERS PRIO	R TO	THE HOUR AND	DATE SPE	CIFIED MA	Y RESULT
IN REJECTION OF YOUR OFFER. If by virtue of th							
letter, provided each telegram or letter makes refere	ence to the solicitation and	this amendment, and	is re	ceived prior to the	e opening ho	ur and date	specified.
Accounting and Appropriation Data (if required))						
See Schedule \$ US 0.00	M APPLIES ONLY TO M	ODIFICATIONS OF C	CONT	PACT/ODDEDC			· · · · · · · · · · · · · · · · · · ·
	IES THE CONTRACT/OF						
(x) A. This change order is issued pursuant to: (S					ntract Order	No. in item	10A.
							4
B. The above numbered Contract/Order is mod Set fourth item 14, pursuant to the authority	lified to reflect the administ of FAR 43 103 (b)	strative changes (suc	n as c	nanges in paying	g oπice, appro	opriation dat	te, etc.)
C. This supplemental agreement is entered into	pursuant to authority of:				···		
					·		
D. Other (Specify type of modification and authority)	ority)	•		•			•
	equired to sign this docum			es to the issuing			· · · · · · · · · · · · · · · · · · ·
Description of Amendment/Modification (Organized	d by UCF section heading	s, including solicitation	n/con	tract subject matt	er where tea	sible.)	
		0005 1.4-10	. /1 0	/2000 £-11			
The purpose of this modification is to	correct Modificati	on 0005, dated 3	5/1U/	/2008, as ioii	lows:		•
		•				•	·
Para b line of accounting should read	as follows:			,		•	
					•		
06D2KC4CWP0000360609010022006				4,559.50			
05C2KC4BCPW70034010704012200	500009500000025	130000000000	-\$6	59,482.45			
				•			
	•						
cept as provided herein, all terms and conditions of the docu	ment referenced in item 9A o						
A. Name and Title of Signer (Type or Print)		16A. Name and t		_			205
	•	KURT C.WE			22	8-688-28	525
		Contracting C					•
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(Signature of person authorized to sign)			of Co	ontracting Officer)		74.40.20	
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REVIOUS EDITIONS UNUSABLE

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\$189,307.84 \$64,559.50

- 2. The above changes have no effect on the funded value of this task order.
- 3. All other terms and conditions remain unchanged and in full effect.

Item No.	Supplies/Services	CHEDULE Quantity	Unit	it Price	Amount
)9	TASK ORDER 05-TOS-16 CONWxB - AUGMENT SELECT MON STATIONS WITH OCEAN MEASURES	1	ЈВ	255,972.54	255,972.54
	Provide all labor and material to accomplish the attached Task Management Plan that includes specific station augmentation with directional wave measurements, new ConWxB sensors, new buoy builds, and fabrication of WAMDAS wave processing modules. The period of performance for this CLIN is 04/12/2006 - 06/30/2009.				
]	FFP				
19	Accounting and Appropriation Data: 14.05.C2KC4BC.PW7.0034.010704012.20060000 05000000.25130000.000000 JS\$ 7,632.76		,		
5 U D	4.06.D2KC4CW.P00.0036.060901002.200600009 000000.25130000.000000 JS\$ 248,339.78 DELIVERY DATE: 06/30/2009				
N R B	HIP TO: ATIONAL DATA BUOY CENTER ESOURCES BRANCH /W/OPS53 UILDING 1100 FENNIS SPACE CENTER, MS 39529-6000				
	OB: Destination	·			
	ASK ORDER 05-TOS-16 TAO Production and Regration	1	JB	253,867.34	253,867.34
inte buo	is line item is to cover the continued production, egration and field service of forty legacy TAO bys, six TAO refresh parallel test buoys, and two OCP moorings in the equatorial pacific.				
with	e negotiated value of this CLIN is \$253,867.34 h a maximum fee of (included in bunt)				
	period of performance for this CLIN is 0/08 - 06/30/09.				
14.06 5000 US\$	ounting and Appropriation Data: 6.D2KC4CW.P00.0036.060901002.200600009 0000.25130000.000000 64,559.50				
9500 US\$	5.C2KC4BC.PW7.0034.010704012.20060000 0000.25130000.000000 189,307.84 IVERY DATE: 06/30/2009				
NATI RESC BUIL	IO: IONAL DATA BUOY CENTER DURCES BRANCH /W/OPS53 DING 1100 INIS SPACE CENTER, MS 39529-6000				:
	Destination				

Task Order: PPI-03

Date: June 16, 2005

Title of Task Order:	ConWxB - Augment Select MON Stations with Ocean
	Measurements
NDBC Branch:	Program, Planning, and Integration
Performance Period:	1 July 2005 – 30 Sep 2007
Task Order Type:	FFP
(FFP or CPFF)	
Purpose: (How this TO relates to NDBC's Mission or What Problem needs to be solved)	To augment existing MON platforms with ocean measurements which include directional wave measurements, current profiles, surface current measurement, and surface salinity measurements. The intent of the augmentation is to perform as much work associated with this effort as possible in conjunction with planned shop and field service activities, so as to maximize the allocated funding, and outfit as many stations with ocean measurements as possible. The MON augmentation includes both the moored buoy network as well as supplementing the Coastal Marine Automated Network (C-MAN) through the addition of smaller coastal buoys in the general area.
Background:	Through the FY05 budgeting process, NOAA NDBC has received funding to outfit the MON with the aforementioned ocean measurements. To date, NOAA NDBC has accomplished the following:
	 Established a project plan to outfit the MON and create budget line items. Prepared a list of needed parts and materials. Submitted purchase requests for needed sensors and other components (The process of executing contracting actions is still ongoing). Submitted IWR tasking on last NTSC contract to begin the work associated with the MON augmentation. Requested and received Regional Association input in order to better select candidate station areas. Evaluated all input received to select candidate stations areas. Drafted a list of candidates for augmenting FY05, FY06, and FY07 stations. Determined concept for station configurations given operational and technical constraints.
Scope of Effort:	The objective for the NOAA National Data Buoy Center Technical Services Contractor, in relation to the scope of effort of this Task Order, is to provide all labor and select materials/components associated with the augmenting effort. This includes shop service

labor, as well as Data Quality and Shore-side Processing needed to meet the following level of Deployment for FY05 (FY05 REQUIREMENTS):

- 1. Augment a total of seven (7) moored buoys with Directional Waves and Acoustic Doppler Current Profiles. The seven (7) buoys include
 - The two (2) stations (46011 and 46027) which began integration under the last NTSC contract. Carry forward this effort and include any, remaining work on this task order.
 - Augment five (5) additional 3 meter platforms being deployed in accordance with the field service. Note: Work on this task will extend into FY06.

The specific sites/station of the five (5) additional moored buoys will be determined at a later time (dependent upon receipt of GFE) and the NDBC 4000 revised to reflect the wave and current profile requirements of these stations.

- 2. Supplement a total of six (6) C-MAN sites with Directional Waves and Acoustic Doppler Current Profiles Coastal (COLOS Style) buoys. Six (6) stations in the vicinity of the following C-MAN stations are
 - Buzzards Bay, MA (BUZM3)
 - Ambrose Light, NY (ALSN6)
 - Chesapeake Light, VA (CHLV2)
 - Fowey Rocks, FL (FWYF1)
 - St. George Island, FL (SGOF1)
 - Grand Isle, LA (GDIL1)

The buoys will be located within twenty (20) nautical miles of the C-MAN station and will have separate Station I.D numbers. Data transmission via Iridium is acceptable to the Government. A separate trip or trips directly related to deployment of these stations is acceptable to the Government. Note: Work on this task will extend into FY06.

3. Augment a total of 15 moored buoys with Directional Waves. This augmentation will add the directional wave capability to those buoys that are not directional wave buoys, to those that are not one of the 7 directional wave/ADCP buoys listed above, and to those that are one of the directional wave/ADCP/CTD buoys planned for FY06 (see below). It is planned that, after the augmentation, all

NDBC's discus buoys (3-, 10-, and 12-m buoys) will be directional wave buoys. The augmentation schedule will be based on the NDBC service schedule. Thus, work on this task could extend into FY06 or FY07.

4. Augment a total of 59 moored buoys with surface current meters. This augmentation will add the surface current measurement to those that are not one of the 7 directional wave/ADCP buoys listed above and to those that are one of the directional wave/ADCP/CTD buoys planned for FY06 (see below). It is planned that, after the augmentation, all NDBC's discus buoys (3-m, 10-m, 12-m, and NOMAD buoys) will have ocean current measurement (either ADCP or surface current meter). The augmentation schedule will be based on the NDBC service schedule. Thus, work on this task could extend into FY06 or FY07.

For information: FY06 REQUIREMENTS (which will be covered under a separate task order) — Twelve (12) 3 meter buoys augmented and tested with Directional Waves, ADCPs, and CTDs, using the AMPS data logger, for station locations to be determined.

Tasks:

- 1. Integrate six (6) COLOS buoys with directional waves and ADCP (in bridle) to supplement C-MAN stations.
- 2. Augment seven (7) 3-m buoys with directional waves and ADCP (in cage) capabilities. Note that DWPM units needed for this task are tasked to build under a separate task order (Preparation for equipment for MON station operation & maintenance).
- 3. Fabricate any required brackets and structure (e.g., mast for met sensors) needed to integrate all systems.
- 4. If accepted by the Government, build, test, and deliver eight (8) WAMDAS units for COLOS buoys.
- 5. If accepted by the Government, build, test, and deliver seven (7) 6-platter power racks, based on the COLOS design drawings.
- 6. Augment fifteen (15) discus (3-m, 10-m, or 12-m) buoys with directional waves capabilities.
- 7. Design the surface current measurements for 3-m, 10-m, 12-m, and NOMAD buoys. Prepare level-A ready package for the designs.
- 8. Augment fifty-nine (59) buoys (3-m, 10-m, 12-m, or NOMAD)

	with surface current measurement capabilities.
	9. If accepted by the Government, build, test, and deliver thirty-two (32) modified WAMDAS units (with directional waves only, no Iridium) which will provide directional wave data to buoy payloads (20 units for Task 6 and 15 units for FY06 REQUIREMENTS, minus 3 GFE units).
Assumptions/	· Field and Shop labor schedule depends on the delivery of
Constraints	Government furnished equipment and components.
(Security, Safety, Accessibility, etc)	· All shop service costs related to ConWxB augmentation will be included in this task order.
	· Data transmission via Iridium is authorized.
Deliverables:	1. The Integrated and tested systems specified herein corresponding to buoy refurbishments and field service schedule consistent with the following quantities (FY05 REQUIREMENTS) —
	Two (2) 3-m buoys augmented and tested with Directional Waves and ADCPs for stations 46011 and 46027
	Five (5) 3-m buoys augmented and tested with Directional Waves and ADCPs for stations to be determined.
•	Six (6) COLOS buoys with Directional Waves and ADCPs integrated and tested for new stations in the vicinity of the aforementioned C-MAN stations.
	Fifteen (15) discus (3-, 10-, or 12-m) buoys augmented and tested with Directional Waves (based on NDBC field service schedule).
	Fifty-nine (59) buoys augmented and tested with surface current meters (based on NDBC field service schedule).
	2. Design reviews and design documents for surface current meters on 3-m, 10-m, 12-m, or NOMAD buoys.
	3. Eight (8) WAMDAS units for COLOS buoys.
	4. Seven (7) 6-platter power racks for COLOS buoys.
	5. Thirty-two (32) modified WAMDAS units (with directional waves function only, no Iridium)
10.00	

	6. Once needed GFE is in hand and integration has begun, submit
	Bi-weekly progress reports on the status of the integration.
	Di-wcokiy progress repeats
GFE/GFI:	GFE/GFI is available to support this effort. The following specialized components will be Government furnished: ADCPs and cages
	Surface current meters and cables
	Three (3) WAMDAS (DWMS built by Neptune Science)
	 COLOS hulls with equipment/battery compartments. Inductive modem assemblies for ADCP.
	Refer to Government inventory for other standard components.
	NDBC drawings/documentation will be Government furnished or created under separate order.
Program Objectives/ Possible Performance Measures:	The Government requires this task order have performance-based measures that align with the Statement of Objectives and Program Goals contained in the contract. The contractor is required to provide a list of proposed measures for this task order with goals for level of service and the outcomes for achieving/not achieving those Goals.
	The most important attribute of successful implementation of this task order is execution of a comprehensive, well thought out, proposal.
Inspection/Acceptance:	Final inspection and acceptance of all work performed, reports generated, and other deliverables will be conducted by the COTR or other designee.
Travel:	Travel is not required to support this task order.
Required information and/or submittals to be included in the required	1. An Approach and Management Plan for managing and maintaining the GFE identified in this task order.
Task Management Plan	2 Task Management Plan
(TMP):	a. Work Breakdown Structure (WBS)
(/)-	b. GANTT schedule
	c. Performance Specifications and metrics d. Cost, Schedule and Performance Metrics
	3. Task Order Cost Proposal

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TMP-16 Document Number: Version Number: 4.0 2/28/08 Issue Date:

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Title:	ConWxB – Augment Select MON Stations with Ocean Measurements/TAO Production & Integration							
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TASK ORDER	MANAGER:	- Date Signed:						
PROGRAM MA	NAGER:	1 APR OF						
	- TU	Date Signed:						



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TECHNICAL MANAGEMENT PLAN CHANGE PAGE

Version No.	Purpose of Change	Pages Effected	Date of Change	Instructions
1.0	Initial Issue	All	8/10/05	Initial Document
2.0	Added additional sensor installations and WAMDAS unit under CLIN 9	All	5/1/06	Supplemental document to Version 1
3.0	Extend POP to 6/30/09; adjust quantities of sensor installations; combine all remaining work into CLIN 9	All	7/2/07	Replaces all previous documents
3.0, Change 1	Add requirement to 1.2.1 for specific mooring packaging for 1.8 meter buoys	Pg 2	11/26/07	Insert change page
4.0	Reformat document. Adjusts quantities of all deliverables to allow for realignment of CLIN 9 for support to TAO Program Add TAO P&I Scope for CLIN 10	All	2/28/2008	Replaces previous document in its entirety
		<u> </u>		
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1.	2.2 Augmentation for Directional Waves and ADCP (CLINs 1, 2 and 9)	
1.	2.3 Augmentation for Directional Waves (CLINs 1, 2 and 9)	2
1.	2.4 WAMDAS Fabrication (CLINs 4, 6, 7 and 9)	
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ATTACHMENTS, FIGURES AND TABLES

Table 1-TAO Production Quantities

Appendix A – TAO Production and Integration Work Breakdown Structure

Appendix B – Performance Specification and Metrics

Appendix C – TAO Production and Integration Schedule

Appendix D – Deliverables/Submittals Table



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PERIOD OF PERFORMANCE: Date of award to June 30, 2009

TO TYPE: Hybrid (FFP/CPFF)

1.0 Overview

1.1 Scope

1.1.1 ConWxB (CLINs 1 – 9 Firm Fixed Price)

Task Order 16 was awarded on August 10, 2005 for augmentation of the MON network with directional waves, new ConWxB sensors, new 1.8 meter buoy builds and fabrication of WAMDAS wave processing modules. NDBC-4000 Rev. E (Draft) provides the measurement requirements by station.

We understand that NDBC will augment the MON network with directional wave, surface current, and current profile measurements. Buoy platforms will be augmented with sensors and systems to accomplish this based on the present field service schedule. Eight COLOS buoys will be integrated and tested to supplement areas that lack directional wave measurements. As buoys are cycled through the SSC shop the augmentations will take place. This task order completes all efforts up to preparing for deployment of the buoys. The scope of effort is understood to include designs, fabrication, integration, and functional verification tests. Any operational certification is assumed to be outside the scope of this task order.

1.2.1 TAO Production and Integration (CLIN 10 Cost Plus Fixed Fee)

During the period of performance beginning 1 March 2008 and ending 30 September 2008, SAIC will be responsible for the continued production, integration, and field service of forty Legacy TAO buoys, six TAO Refresh Parallel Test buoys, and two ADCP moorings in the equatorial Pacific. Production and integration activities for the TAO Program will be under this Task Order. TAO program Field Services will be under other task orders.

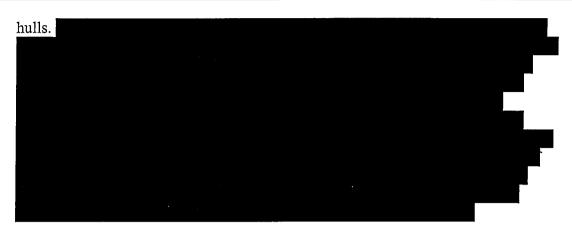
1.2 Statement of Work

1.2.1 New COLOS Buoys (CLINs 1, 2 and 9)

Completion of drawings, procedures, and documentation from task order #6 (Engineering Design, Testing, and Supports for ConWxB and MON Hardening Projects) will be used to fabricate and integrate components for eight 1.8 meter



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1.2.2 Augmentation for Directional Waves and ADCP (CLINs 1, 2 and 9)

Augmentation of seven, 3-meter buoys have been accomplished per drawings used on previous deployments. These drawings have been added to level B packages and compiled by CMO. Augmentation has been accomplished within the RIT and field service schedule. (**Deliverable Associated**)

1.2.3 Augmentation for Directional Waves (CLINs 1, 2 and 9)

Twelve (12) discus buoys will be augmented for directional wave measurements.

10/12-m platforms will use DWPM AR systems.

1.2.4 WAMDAS Fabrication (CLINs 4, 6, 7 and 9)

Twelve WAMDAS units to support the 1.8 meter buoys have been fabricated (four under Clin 6 and eight under Clin 7). These units have Iridium and ADCP capability. Sixty two DDWM units(thirty-two under Clin 4 and thirty under Clin 9) were fabricated and configured with a minimal requirement of directional wave measurements and no Iridium.



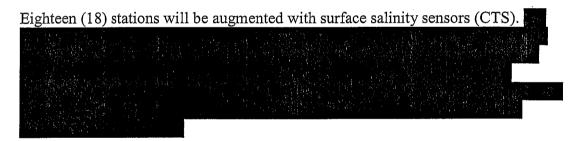
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1.2.5 Augmentation for Surface Current Measurement (CLIN 1, 2 and 9)

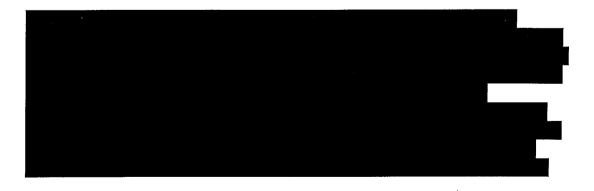


Augmentation of the 31 buoys with SCM will be completed in conjunction with the RIT and field service schedule. All SCMs and cables are to be GFE. As of this TMP revision, 31 buoys have been augmented with SCMs. (**Deliverable Associated**)

1.2.6 Augmentation for Surface Salinity(CT) (CLIN 9)



1.2.7 Augment seven additional stations with current profiles (CLIN 9)





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1.2.8 Augmentation of seven additional stations with directional waves (CLIN 9)

The projected replacement buoys for each station – exclusively 3m hulls – will be configured for directional waves reporting using ARES or AMPS payloads with DWPM-ARS or WAMDAS Lite wave processing module, and slated for execution per the Moored Buoy Operational Schedule

1.2.9 TAO Production and Integration (CLIN 10) POP 1 March 2008 – 30 September 2008

Production and integration efforts within this period of performance will primarily be directed at supporting the remaining forty TAO Legacy buoys located in the Equatorial Pacific, six additional TAO Refresh parallel test buoys, and two TAO Refresh Flux experimental buoys in the Gulf of Mexico. The following outlines the production and integration tasks to be performed within the period of performance by SAIC to maintain a one year replacement schedule, providing ship services are available:

- SAIC TAO Operations Manager will maintain all field service preparation SOPs and checklists.
- Performing post-production activities of each cruise's returned equipment such as preparing sensors for shipment to manufacturer for post- and pre- calibrations, repairing damaged equipment, ordering replacement equipment and any other activities associated with preparing the equipment for reuse or replacement.
- Build 48 moorings for both TAO Legacy and TAO Refresh Buoys.
- Build 2 ADCP moorings for TAO Array.
- Green tag and refurbish acoustic releases as necessary.
- Green tag and integrate AT/RH, wind, barometric pressure, shortwave radiation, rain, ocean temperature, ocean temperature/pressure, ocean temperature/conductivity and point source current meter sensors for up to 8 TAO 2 Buoys with spares.
- Build and green tag up to 8 TAO payloads plus spares.
- Perform TAO Performance Tests (blue tag) of up to 8 TAO payloads plus spares.



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In order to support the re-engineering and development of TAO Refresh experimental buoys, additional production efforts will be coordinated in conjunction with TAO Legacy Pacific deployments and the deployment of Gulf of Mexico TAO Refresh Flux buoys. The following lays out the TAO Refresh Flux production support efforts:

Maintenance production to sustain the operation of the Gulf of Mexico TAO Refresh Flux buoy in designated configurations such as sensor array setup to a full Flux or partial Flux configuration.



See Table 1 for production quantities quarterly breakout:

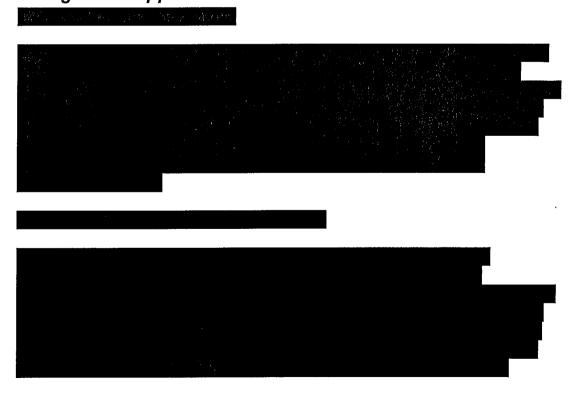


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Table 1-TAO Production Quantities

	3 rd Qtr (Jan-	4 th Qtr (Apr-	1 st Qtr (Jul-Sep)	Total
	Mar)	Jun)		
TAO Legacy	8	18	16	42
TAO Refresh	0	4	2	6
TAO ADCP	1	1	0	2
Acoustic	12	26	16	54
Releases				
TAO Refresh	0	32	16	48
Sensors Green				
Tagged				
TAO Refresh	0	4	2	6
payloads Green				
Tagged and				
Blue Tagged				

1.3 Management Approach





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2.0 Implementation Plan

2.1 Work Breakdown Structure

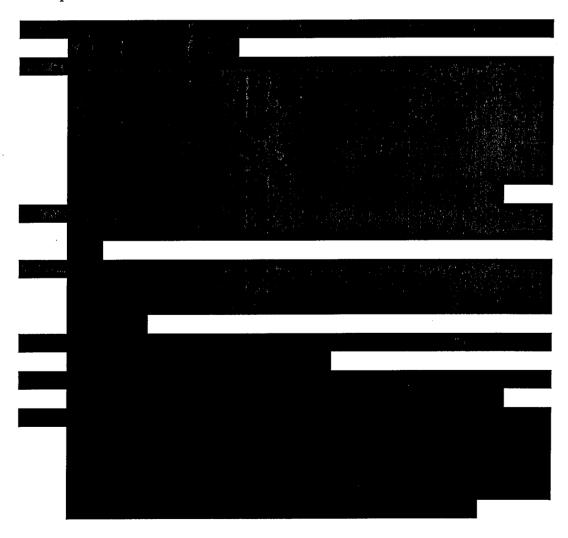
See Appendix A for the work breakdown structure.

2.2 Performance Specification and Metrics

See Appendix B for the Performance Specification and Metrics Table.

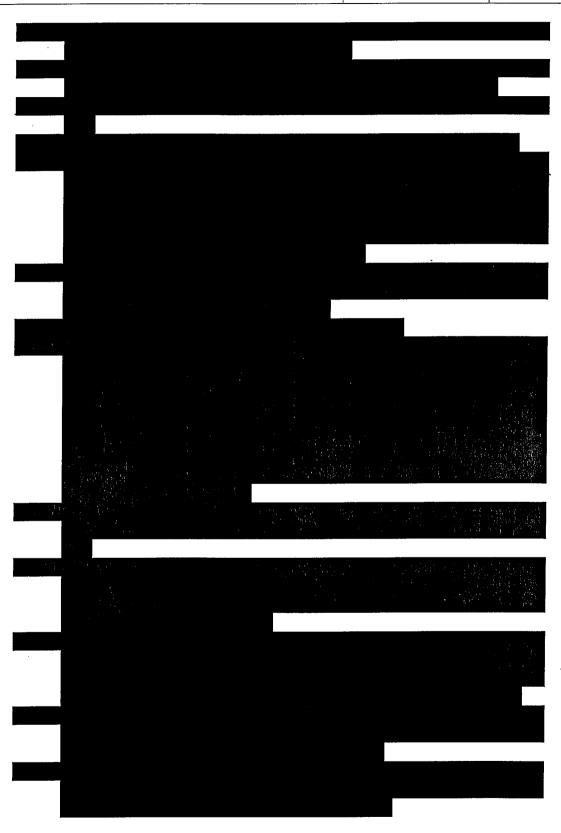
2.3 Assumptions and/or Deviations

2.3.1 Assumptions:



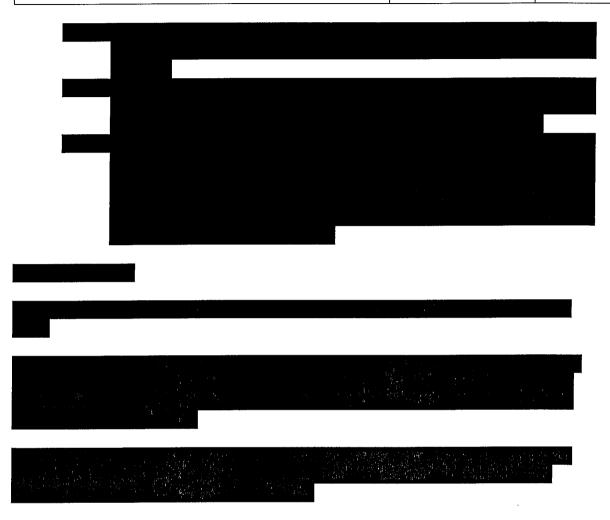


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3.0 Milestones and Deliverables

3.1 Program Performance Schedule

For CLINS 1-9 SAIC will coordinate with NDBC on completion of augmentations and designs to meet the field service schedule. Fabrication and integration efforts will depend on delivery of GFE equipment and documentation. For CLIN 10 Schedule see Appendix C.

3.2 Deliverables

See Appendix D for the Deliverables/Submittals Table.

4.0 Key Personnel



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See Attached.

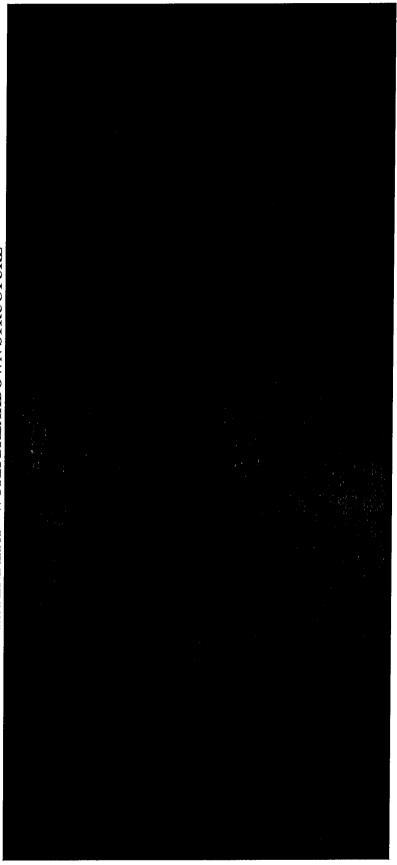
6.0 Payment Terms

Invoices shall be submitted upon completion of each SAIC accounting period. For the Fixed Price CLINs, this consists of equal payments over the period of performance. For the CPFF CLINs, invoices shall be submitted upon completion of each SAIC accounting period for all costs incurred during the period. The Fixed Fee shall be prorated over the period of performance and billed incrementally each accounting period at the minimum fee amount. Quarterly a fee adjustment will be billed in accordance with the Performance Evaluation incentive/disincentive plan. Payment shall be made within 30 days.



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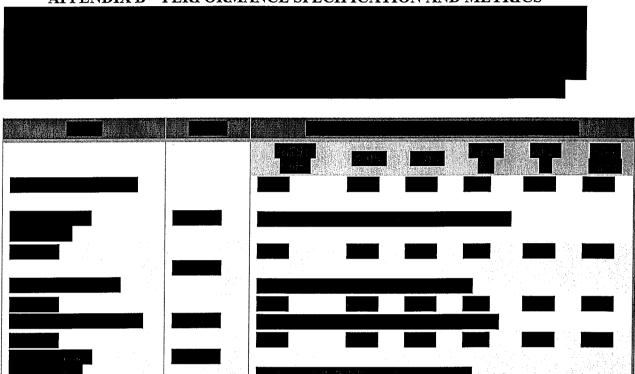
APPENDIX A - WORK BREAKDOWN STRUCTURE





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APPENDIX B – PERFORMANCE SPECIFICATION AND METRICS





APPENDIX B



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APPENDIX C - SCHEDULE

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Đ					83	29 216 223 31 38 315 322 329 46 410 410 426 52 511 517 524 511 617 67 67 67 67 67 67 67 67 67 67 67 67 67	8	38	322	303	45	2 4/19	406	3 500	547 50	105	87 6	14 803	809	76 78	7 7.40	706 8	80	SHE S	200	30	040 000	200	107
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	TAO CLIII 16.1 Production and Integration	171 days Tue 2/19/08 Tue 10/14/08	Tue 2/19	78 Tue 10.1	894														1		I	-	I		-				
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£.xI	KA-08-04 Cruise Production and Integration	22 days	Thu 4/3/08	08 Fri 5/2/08	9708						THE REAL PROPERTY.																		
m	KA-08-05 Cruise Production and Integration	22 days	1	08 Mon 7/7/08	1708					* **										138 2					•••			,	
E .	KA-08-06 Cruise Production and Integration	22 days	Mon 777.08	08 Tue 85,08	2008	****	,																gars.					***	
	KA-08-07 Cruise Production and Integration	22 days	22 days Wed 8/13/08	08 Thu 9H 108	88								•			,						-	28		-				
181	RB-08-05 Cruise Production and Integration	22 days	Mon 9/15/	22 days Mon 9/15/08 Tue 10/14/08	88																		1 .				100000000000000000000000000000000000000		



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APPENDIX D – DELIVERABLES/SUBMITTALS TABLE

Deliverables/Submittals	Due Date	Acceptance Criteria
CLINS 1 – 9 Deliverables 1. The Integrated and tested systems specified herein corresponding to buoy refurbishments and field service schedule consistent with	Sequentially, Per Moored Buoy Operations Schedule following all GFE	Upon Completion
the following quantities — Seven (7) 3-m buoys augmented and tested with Directional Waves and ADCPs for stations to be determined	receipt and approved Engineering design and test packages.	
2. Eight (8) COLOS buoys with Directional Waves and ADCPs integrated and tested for new stations in the vicinity of the aforementioned C-MAN stations.	Sequentially, Per Moored Buoy Operations Schedule following all GFE receipt and approved Engineering design and test packages.	Upon Completion
3. Twelve (12) discus (3-, 10-, or 12-m) buoys augmented and tested with Directional Waves (based on NDBC field service schedule).	Sequentially, Per Moored Buoy Operations Schedule following all GFE receipt and approved Engineering design and test packages.	Upon Completion
4. Sixteen (16) WAMDAS units (with Iridium) for COLOS buoys.	120 days following receipt of all board sets from circuit board subcontractor.	Upon Completion
5. Thirty-one (31) buoys augmented and tested with surface current meters (based on NDBC field service schedule).	Sequentially, Per Moored Buoy Operations Schedule following all GFE receipt and approved Engineering design and test packages.	Upon Completion
6. Nine (9) power racks for COLOS buoys		Upon acceptance by QA
7. Sixty two (62) DDWM units (with directional waves function only, no Iridium)	120 days following receipt of all board sets from circuit board subcontractor.	Upon acceptance by QA
8. Augment 18 stations with surface CT sensors	Sequentially, Per Moored Buoy Operations Schedule following all GFE receipt and approved	Upon Completion



Document Number:	TMP-16
Version Number:	4.0
Issue Date:	2/28/08

Deliverables/Submittals	Due Date	Acceptance Criteria
	Engineering design and test packages.	
9. Augment 7 stations with ADCP	Operations Schedule following all GFE receipt and approved Engineering design and test packages.	Upon Completion
10. Augment 7 stations with directional waves	Operations Schedule following all GFE receipt and approved Engineering design and test packages.	Upon Completion
11. Once needed GFE is in hand and integration has begun, progress reports on the status of the integration.	Monthly	Upon Submission
CLIN 10 Deliverables		
1. Execute TAO production per the TAO Legacy Replacement and Maintenance Plan.	Upon Delivery	Upon Deployment
2. Complete production and integration of six TAO Refresh buoys (mechanical and electrical including sensors for standard configuration).	9.30.2008	Upon Deployment

APPENDIX D 2



TMP-16	4.0	2/28/08
Document Number:	Version Number:	Issue Date:

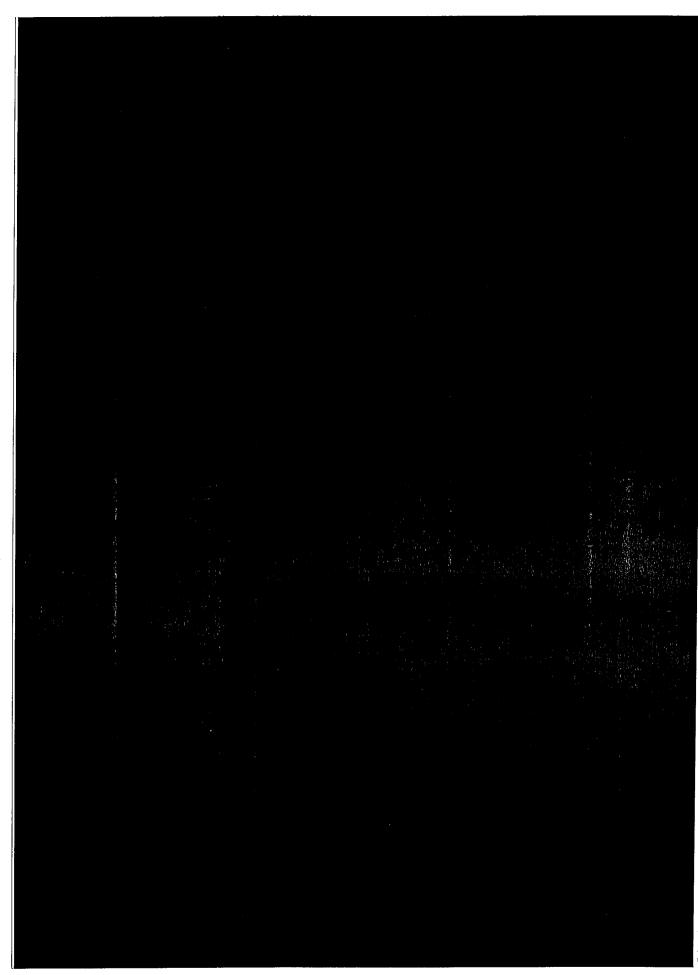
APPENDIX A – WORK BREAKDOWN STRUCTURE

·	RB-0\$-06 Cruise Production and Integration	22d	9/15/08 10/14/08
	RB-08-00 Product	80	9/15/08
	Cruise on and ation	22d	9/11/08
	KA-08-07 Cruise Production and Integration		8/13/08
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	KA-08-05 Cruise Production and Integration	'n	6/6/08
	Cruise Ion and ation	22d	5/2/08
	KA-88-04 Cruise Production and Integration	덕	4/3/08
	Cruise ion and ation	29d	3/28/08
<u>. </u>	KA-08-03 Cruise Production and Integration	က	2/19/08

SUBJECT: Request for Modification #2 – Task Order Statement 05-TOS-16, ConWxB – Augment Select NOOS Stations with Ocean Measurements:

1. Request the following modification (i.e. addition) to subject task order, to include the following deliverables:

- a. Augment forty-two (42) stations with Government furnished surface salinity (conductivity and temperature) sensors. Refer to the attached draft of the NDBC 4000, Rev. E (Draft). The design will be provided under Task Order 05-TOS-06. The stations are: 41004, 41009, 41013, 41025, 42019, 42001, 42003, 42020, 42035, 42036, 42039, 42040, 44005, 44009, 44013, 44014, 44017, 44018, 44025, 44027, 46011, 46013, 46014, 46015, 46023, 46025, 46027, 46028, 46029, 46041, 46050, 46053, 46063, 46069, 46080, 46082, 42084, 46086, 46087, 46088, 46089, and 51001. Supply needed cables, connectors, etc.
- b. Integrate two (2) complete, new 1.8 meter, foam buoys with Directional Waves only, for the Cook Inlet region of Alaska. Fabricate battery packs for these two buoys. Exact locations will be provided at a later date. Deploy both buoys around May 2006 time period.
- c. Augment ten (10) additional stations with Current Profiles, using Government furnished Acoustic Doppler Current Profilers (ADCPs). Fabricate cables from consumable inventory and "ruggedize" components as necessary. Include any hull modifications necessary, if not already included in other existing tasking. The stations are: 42001, 42002, 42055, 42056, 42057, 42058, 46070, 46073, 46050, and 46053.
- d. At the next scheduled exchange, the buoys identified below will be picked-up by the ConWxB program and directional waves provided on the replacement hull. These stations are: 42020, 42035, 42039, 42040, 45007, 46014, 46069, 46081, 46086, and 51001 for a total of ten (10) stations. Provide pricing for these ten (10) stations.
- e. Fabricate and test 30 WAMDAS lites and 4 WAMDAS heavies.

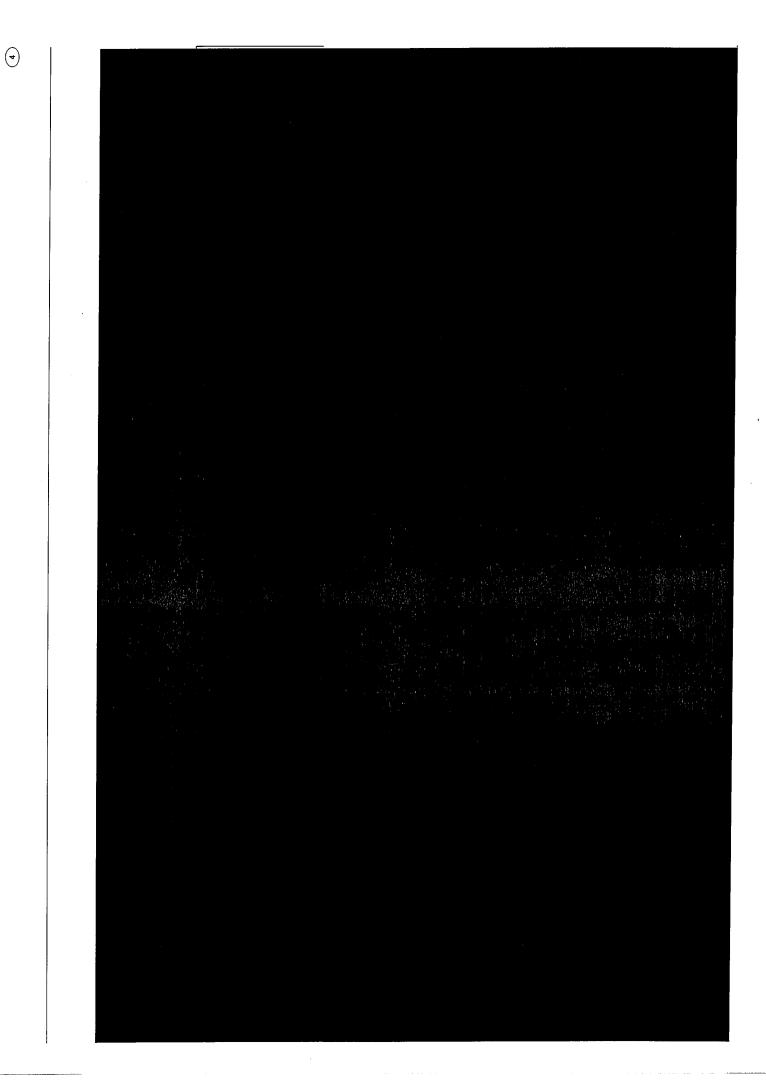


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SAIC TASK MANAGEMENT PLAN

TASK ORDER RFP SOW: 05-TOS-16 for ConWxB – Augment Select NOOS Stations with Ocean Measurements – 0001 v5

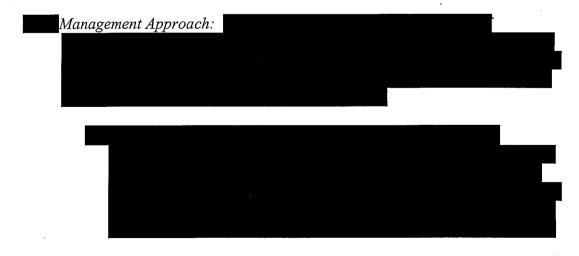
PERIOD OF PERFORMANCE: Award (est 15 April 2006) to 30 September 2007

TO TYPE: FFP

1.0 SCOPE, STATEMENT of WORK AND TECHNICAL/MANAGEMENT APPROACH

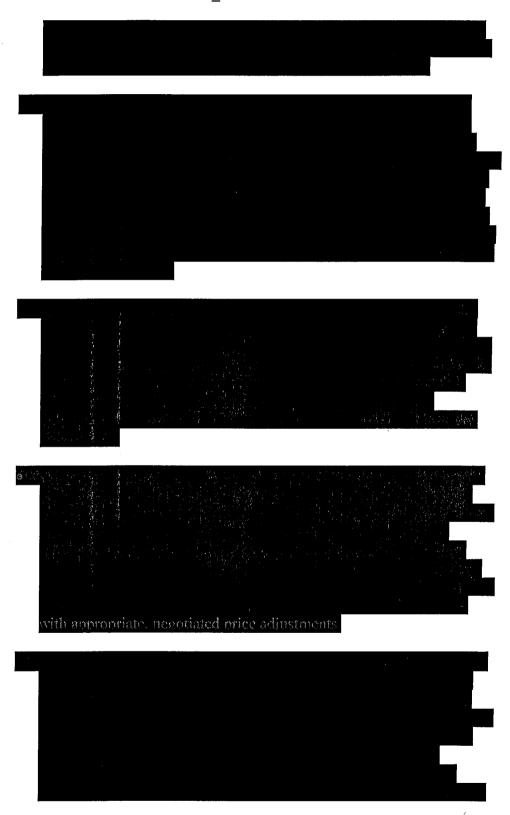
- 1.1 General Scope: The work described herein is in addition to work already in progress under Task Order 16. The new work includes specific station augmentation with directional wave measurements, new ConWxB sensors, new buoy builds, and fabrication of WAMDAS wave processing modules.
- 1.2 Statement of Work: Modify the original Task Order and augment additional TOS-identified buoy stations with government furnished ocean measurement sensors. The measurements are for surface salinity, directional waves, and current profiles (ADCP). The following specific tasks are new deliverables in the Task Order:
 - Augment 42 stations with surface salinity (CT) sensors.
 - Augment 10 stations with current profiles (ADCP).
 - Augment 10 additional stations for directional waves.
 - Build two (2) 1.8m foam buoys with directional waves.
 - Fabricate and test 30 WAMDAS Lite and 4 WAMDAS Heavy wave processing modules.

NDBC-4000 Rev. E (Draft) provides the measurement requirements by station. All augmentation will take place during the planned RIT schedule developed via the Moored Buoy Operations Schedule.



SAIC TASK MANAGEMENT PLAN

TASK ORDER RFP SOW: 05-TOS-16 for ConWxB – Augment Select NOOS Stations with Ocean Measurements – 0001_v5



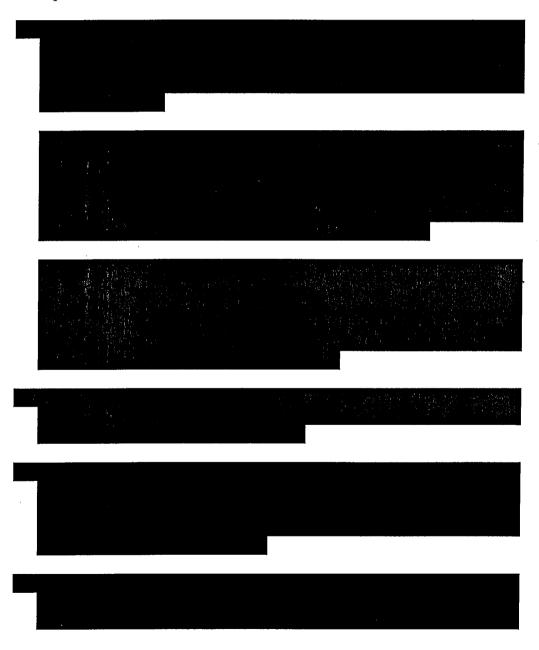
SAIC TASK MANAGEMENT PLAN

TASK ORDER RFP SOW: 05-TOS-16 for ConWxB – Augment Select NOOS Stations with Ocean Measurements – 0001_v5

1.4 WBS layout (See attached .mpp file)

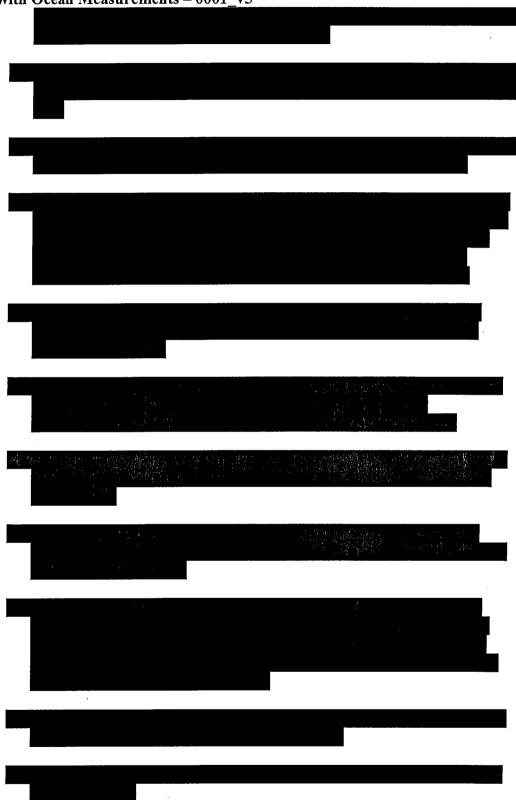
2.0 ASSUMPTIONS and/or DEVIATIONS:

2.1 Assumptions:



SAIC TASK MANAGEMENT PLAN

TASK ORDER RFP SOW: 05-TOS-16 for ConWxB – Augment Select NOOS Stations with Ocean Measurements – 0001_v5



SAIC TASK MANAGEMENT PLAN

TASK ORDER RFP SOW: 05-TOS-16 for ConWxB – Augment Select NOOS Stations with Ocean Measurements – 0001_v5

3.0 SCHEDULE:

3.1 Program Performance Schedule: See Attached (.mpp file)

3.2 Delivery Schedule:

Deliverables/Submittals	Due Date
Augment 42 stations with surface CT sensors	Sequentially, Per Moored Buoy Operations Schedule following all GFE receipt and approved Engineering design and test packages.
Integrate two (2) 1.8m buoys with Directional Waves for Cook Inlet deployments	Buoys integrated and tested NLT 31 May 06. Deployment to follow.
Augment 10 stations with ADCP	Sequentially, Per Moored Buoy Operations Schedule following all GFE receipt and approved Engineering design and test packages.
Augment 10 stations with directional waves	Sequentially, Per Moored Buoy Operations Schedule following all GFE receipt and approved Engineering design and test packages.
Fabricate and test 30 WAMDAS Lites and 4 WAMDAS Heavy wave processing modules	120 days following receipt of all board sets from circuit board subcontractor.

4.0 DELIVERABLES:

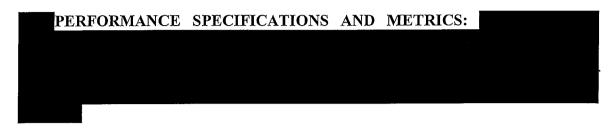
Deliverables/Submittals	Acceptance Criteria
Augment 42 stations with surface CT sensors	Following successful Blue Tag test*
Integrate two (2) 1.8m buoys with Directional Waves for Cook Inlet deployments	Following successful Blue Tag test*
Augment 10 stations with ADCP	Following successful Blue Tag test*
Augment 10 stations with directional waves	Following successful Blue Tag test*
Fabricate and test 30 WAMDAS Lites and 4 WAMDAS Heavy wave processing modules	Following successful component test and documentation**

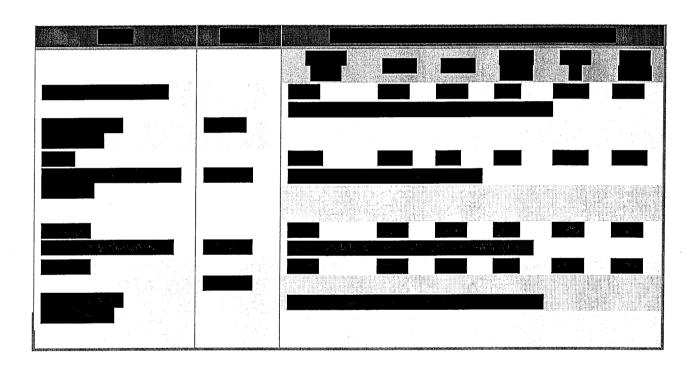
^{*} Blue Tag testing shall be in accordance with test procedures in effect as of the date of this proposal submission.

SAIC TASK MANAGEMENT PLAN

TASK ORDER RFP SOW: 05-TOS-16 for ConWxB - Augment Select NOOS Stations with Ocean Measurements - 0001_v5

** Successful component testing/documentation shall be in accordance with Green Tag test procedures in effect as of the date of this proposal submission.







SAIC TASK MANAGEMENT PLAN

TASK ORDER RFP SOW: 05-TOS-16 for ConWxB – Augment Select NOOS Stations with Ocean Measurements – 0001_v5

6.0 KEY PERSONNEL: The following personnel are considered key for this TO.



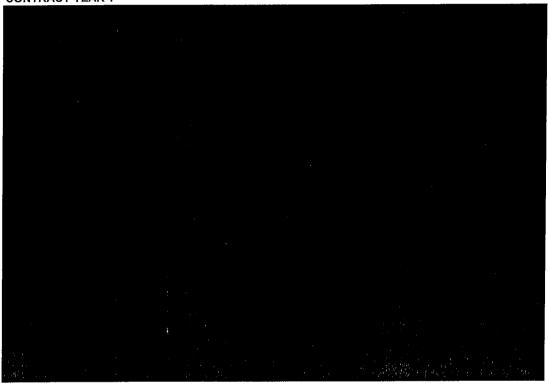
- 7.0 PRICE PROPOSAL: See Attached
- **8.0 PAYMENT TERMS:** Invoices shall be submitted upon completion of each SAIC accounting period. This will consist of equal payments over the period of performance. Periods of less than one year shall be prorated in accordance with the period of performance and the SAIC accounting periods covered. Payment shall be made within 30 days.

TASK ORDER #16

CONWxB -Augment Select MON Stations with Ocean Measurements - REVISED

POP: 07/01/05-06/30/06

DIRECT LABOR HOURS CONTRACT YEAR 1



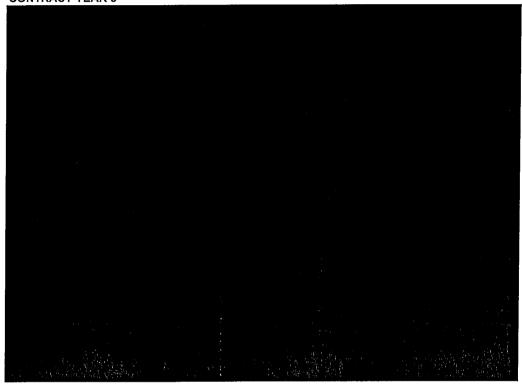
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TASK ORDER #16 CONWxB -Augment Select MON Stations with Ocean Measurements - REVISED POP: 07/01/06-06/30/07

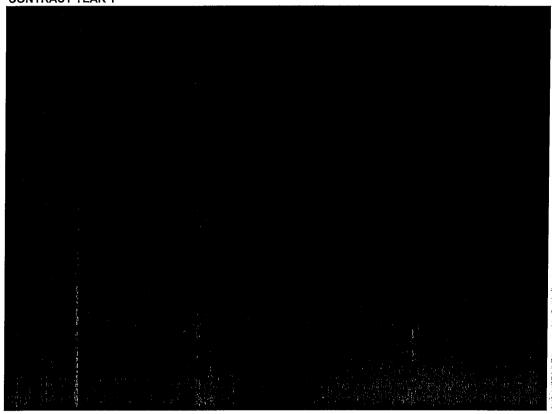


TASK ORDER #16

CONWxB -Augment Select MON Stations with Ocean Measurements - REVISED POP: 07/01/07-09/30/07



TASK ORDER #16 CONWxB -Augment Select MON Stations with Ocean Measurements POP: 07/01/05-06/30/06



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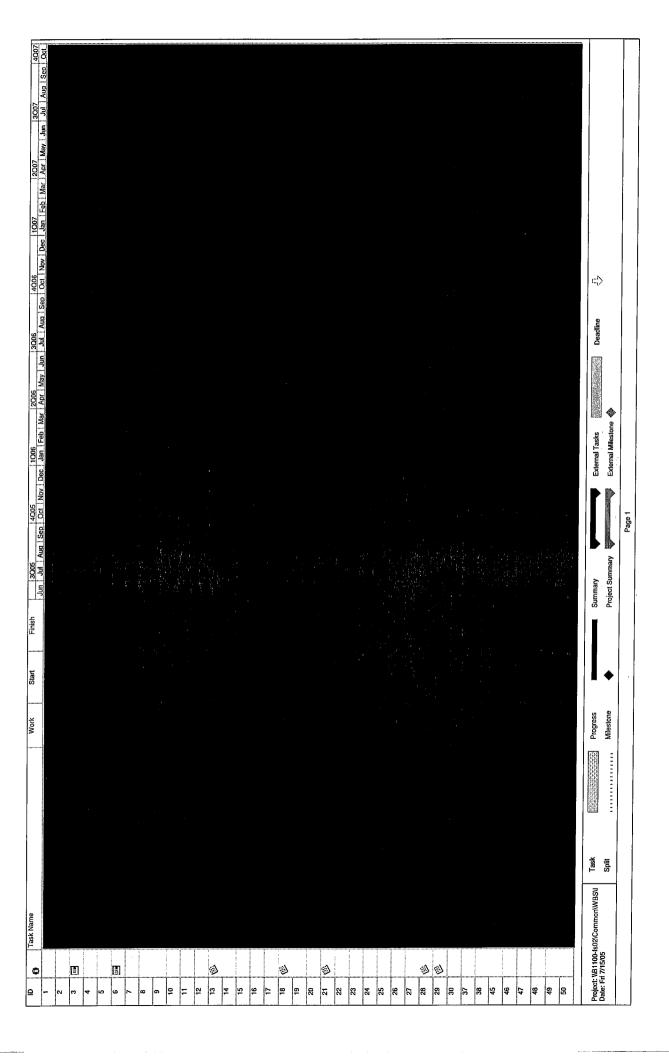
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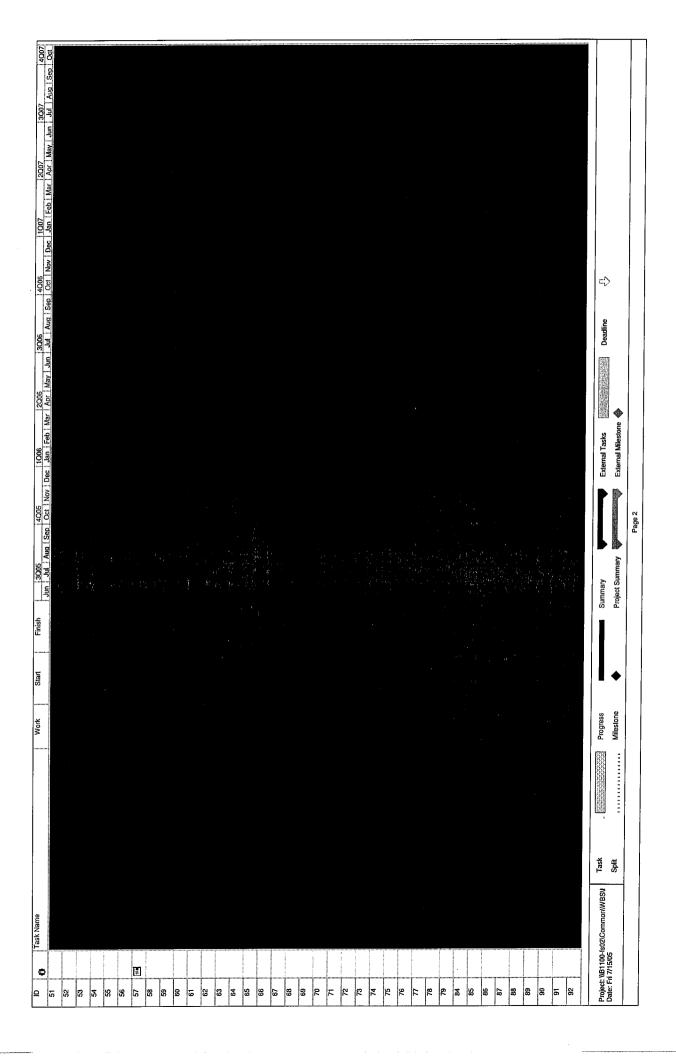
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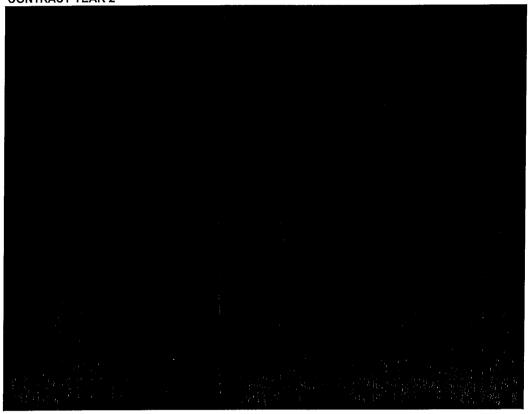
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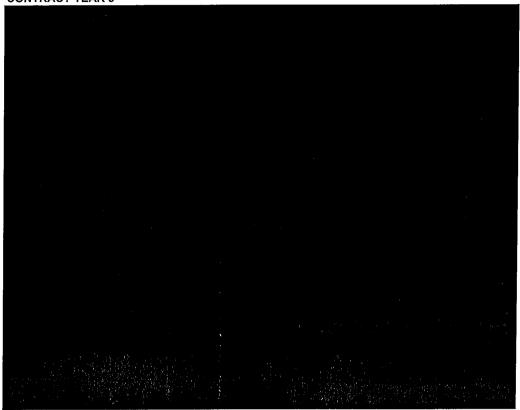


TASK ORDER #16
CONWxB -Augment Select MON Stations with Ocean Measurements
POP: 07/01/06-06/30/07



TASK ORDER #16
CONWxB -Augment Select MON Stations with Ocean Measurements
POP: 07/01/07-09/30/07

DIRECT LABOR HOURS CONTRACT YEAR 3



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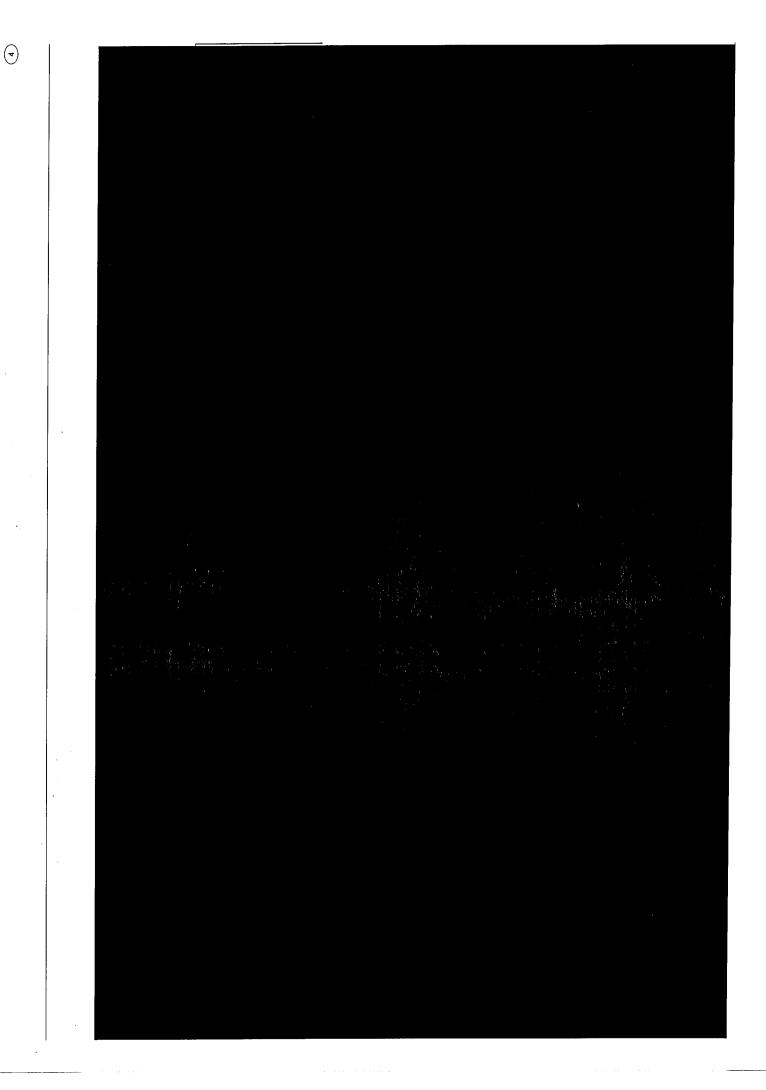
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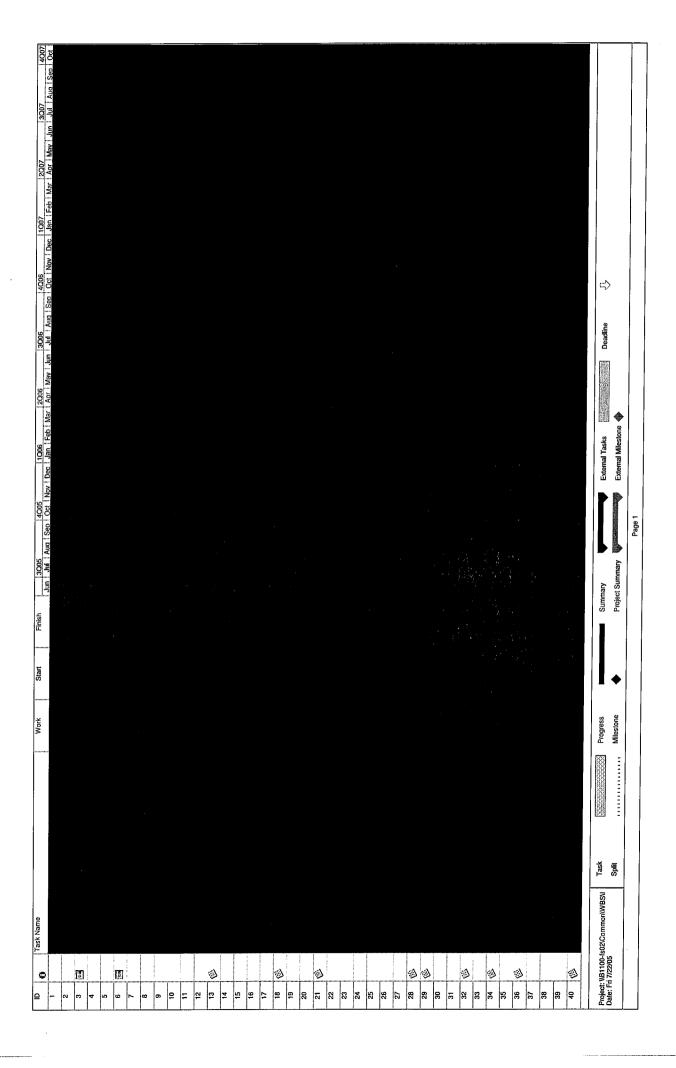


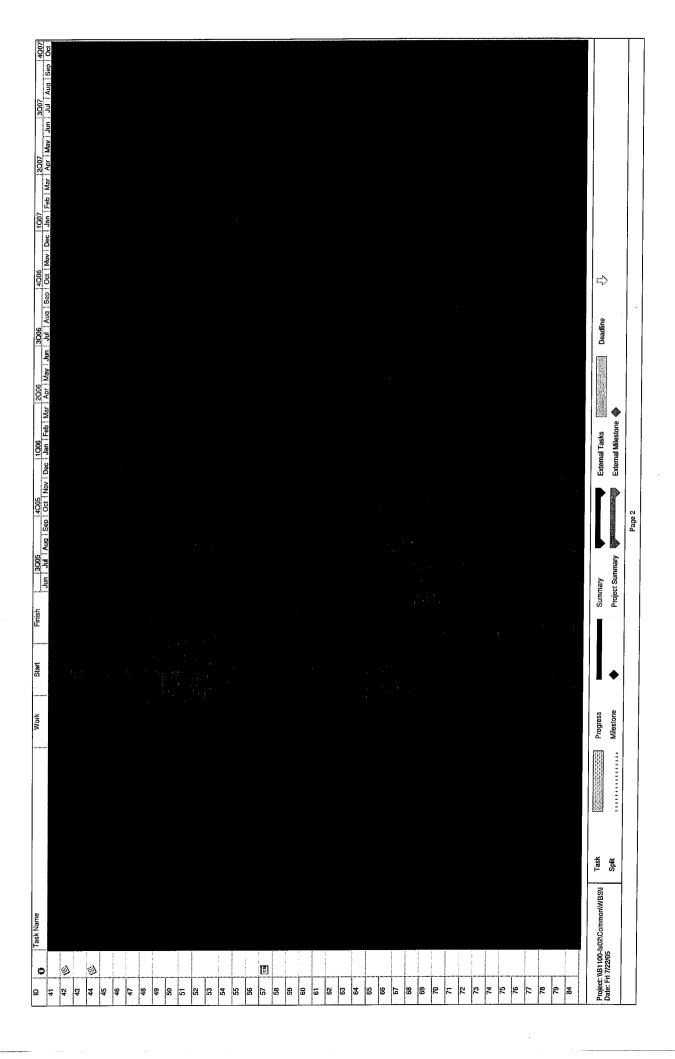
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Task #16/17

12 Units	Unit Price Nu for Labor Un			
Option #1 Labor to build 4 units	7147.79	4	28,591.16	
Option #2 Labor to build 8 additional units NTE labor price for 12 units	7147.79		57,182.32 85,773.48	
Option #3 Labor to build 2 additional units	7147.79	2	14,295.58	
Potential total labor		1	00,069.06	
Material Remove Items #1 & 8	-36778		64,159.30	
Potential total labor and material for 12 units Potential total labor and material for 14 units			49,932.78 64,228.36	•
Potential total labor and material for 14 units		1.	U-1,220.00	11,700.00

Notes:

- 1. Upon completion of Options #1 the labor cost to build Option #2 and #3 will be renegotiated based on the learning curve determined by building the first 4 units.
- 2. Option #3 will be implemented only if enough parts are available to build whole

32 Units

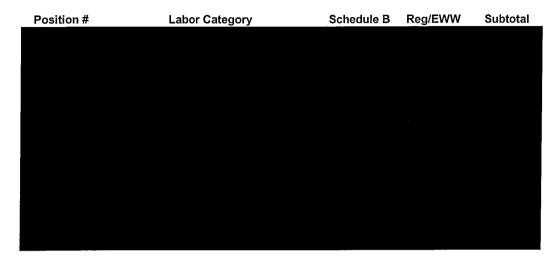
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TASK ORDER #16

CONWxB -Augment Select MON Stations with Ocean Measurements - MOD 1

POP: 07/01/05-06/30/06 WAMDAS FABRICATION

DIRECT LABOR HOURS



Conference/Tra ining Totals

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